

Year 4 Summer Learning Grid

In this pack, you will find some suggested activities to keep you busy during the summer holidays and to help you prepare for Year 5. Remember, you can access the Home Learning Grids you have already completed to revise any areas.

Maths	Reading	Writing	Wider Curriculum	Creative	Physical
<p>Recapping this year's maths learning over the summer holidays will be great in helping you prepare for Year 5. You might like to practise: your times tables up to 12 x 12, addition, subtraction, short multiplication, short division, rounding to the nearest 10 100 or 1000, doubling, halving, adding and subtracting fractions, converting decimals to fractions, adding and subtracting decimals, shapes, money, time, measuring and weighing.</p> <p>You will find activities related to some of these areas below.</p> <p>Times Tables</p> <ul style="list-style-type: none"> Click here to find 15 different sheets with answers to help test your times tables. Play hit the button here to help practice your times tables. Other games can be found here. Continue completing at least 5 sessions on T.T. Rock Stars and having a go at the Sound Check weekly Use this question generator to create your own arithmetic sessions. You can change the difficulty of each sessions and click 'Show Answers' or press each individual question for the answer. Play one of the times tables games in the pack <p>Addition</p> <ul style="list-style-type: none"> Use this number generator here. Select the minimum as 10 and the maximum as 999. Create two numbers and add them together. Totality: Watch the video here to learn how to play the game, choosing a number in the 20s or 30s. The board is in your pack. Use this question generator to create your own arithmetic sessions. You can change the difficulty of each sessions and click 'Show Answers' or press each individual question for the answer. 	<p>Aim to read for 20 minutes every day, with an adult when you can.</p> <p>Ebooks links: MyOn – click here Collins – click here Oxford – click here</p> <p>Remember you can also get eBooks for your phone or tablet on the Kent library app, Libby. Lots of great children's books have been added over the past few months.</p> <p>When you are reading, try to find a few unfamiliar words on each page and define them as we have done in class and for home learning. What do you initially think it means? Then compare this with a dictionary definition.</p> <p>Make predictions based off of the story you are currently reading. Remember, a prediction usually is an answer to a question e.g. what will happen next? Share your</p>	<p>Write an 'all about me' letter for your new teacher, just like the one they wrote to you. You might like to include your name, age, information about your family and some of your favourite things (lessons at school, colours, foods, toys, places etc.).</p> <p>Finish the stories from the reading extracts. Can you build the tension and write the story as a suspense narrative? Could you rewrite the extract as a recount?</p> <p>If you do any baking this summer, consider writing an explanation text about how to create the delicious food you prepared!</p> <p>You may also wish to write an explanation text or instructions about one of the science experiments you complete! Remember to use clear explanations</p>	<p>STEM: Have a go at these STEM Challenge cards.</p> <p>Science: Follow this link and take your pick from 16 different science experiments that you can try at home!</p> <p>Geography: Create a map of your local area using data you collect on your walks. You may choose to create a scale of your choice e.g. every 10 steps = 1cm. Create a key to show all of the important parts of your local area e.g. houses, shops, churches, trees, parking, roads etc.</p> <p>PSHE: Talk to an adult at home about how you're feeling about starting Year 5. If you do this on a few occasions, you might notice that you feel different emotions each time: this is fine! There has been lots of change</p>	<p>Make a summer holiday scrap book: stick in photos and mementos, then write a short sentence or two to explain what was happening in the photo, or where the memento was from and why it is special to you.</p> <p>Painting: Painting with a paint brush isn't the only type of painting we can do. Have a go at some of the following types of painting:</p> <ul style="list-style-type: none"> * Bubble painting (instructions below) * Painting with puffy paint (Mix equal parts flour, salt and water. Divide into separate containers and add a couple of drops of food colouring to each container, creating different 	<p>Lockdown didn't stop us from staying active so let's make sure we keep this up over the summer! Hopefully we'll have some nice weather during the holidays and be able to spend lots of time outside.</p> <p>Cricket is a great, fun summer sport for all the family. Click here for some cricket activities you can try at home.</p> <p>If you enjoy the cricket activities, you might also like to give some tennis activities a try. You can find some here.</p>

<p>Addition and subtraction</p> <ul style="list-style-type: none"> Use this question generator to create your own arithmetic sessions. You can change the difficulty of each sessions and click 'Show Answers' or press each individual question for the answer. <p>Rounding</p> <ul style="list-style-type: none"> Rounding sheets with a poster and answers can be found in the pack <p>Short multiplication and division</p> <ul style="list-style-type: none"> Use this question generator to create your own arithmetic sessions. You can change the difficulty of each sessions and click 'Show Answers' or press each individual question for the answer. <p>Adding and subtracting fractions Converting decimals to fractions – questions and answers Adding and subtracting decimals</p> <p>Measuring and weighing</p> <ul style="list-style-type: none"> If you help with any baking or cooking over summer, you are going to be doing Maths! Reading recipes and accurately weighing out ingredients means you are practising your maths skills. Using a tape measure or a ruler, measure the length or height of different things around your house. Think carefully about whether you would use millimetres, centimetres or metres. <p>Doubling and Halving</p> <ul style="list-style-type: none"> Use this question generator to create your own arithmetic sessions. You can change the difficulty of each sessions and click 'Show Answers' or press each individual question for the answer. <p>Telling the time</p> <ul style="list-style-type: none"> Beat the computer! Read the instructions for this game and see if you can beat the computer! Tell someone at home what each time says. <p>Shape and space</p>	<p>theories when you read with an adult and read on to see if you were correct!</p> <p>Summarise chapters of extracts of the text you are reading at home. This can be really useful when you are reading with an adult – summarise what you have read so far or read with them and summarise that chunk of text.</p> <p>Develop your inference skills using a text from home. How are the characters feeling? What clues are there to suggest this? Can you make assumptions about where the characters are and their relationships using clues from the text?</p> <p>Have a go at a few stand-alone activities in the pack.</p> <p>Write a book review for your favourite book. Remember to include the title of the book, the author, what happens in the book and why it is your favourite.</p> <p>Continue to practice the Year 3 and 4 common exception words. These can be found in the pack.</p>	<p>and formal, subject specific language.</p> <p>Go somewhere you can connect with nature, such as the garden, a forest or a beach. Write down all the sounds you hear. Then, when you get home, create a descriptive poem based off of these sensory phrases.</p> <p>Invent a piece of writing. You could choose to write fiction or non-fiction. It can be about anything you like. If you need some inspiration, visit www.pobble365.com for inspiration with a picture a day!</p>	<p>over the past few terms so it is normal to have mixed feelings. You may be excited to see your friends and teachers but a bit nervous that you've forgotten some things or coming back to school might be strange. This is really normal so no need to panic! You could use the Blob Tree in your pack to help you identify how you feel. Which person on the tree are you? Why? You might like to complete the 'Old class, new class' sheet below.</p> <p>Make sure you get plenty of fresh air this summer: see how many of the summer outdoor learning activities below you can complete.</p> <p>Life skills: Tie your shoe laces: here is a video to show you. Make your own packed lunch. Setting the table Feeding pets Wash the dishes Make your bed Doing buttons up on tops Practice typing (Dance Mat Typing is very useful) Basic first aid (Red Cross)</p>	<p>colours. Use a cotton bud or lolly stick to spread the paint onto paper, to create a picture.) * You could also use other things as a paintbrush. Go outside and collect lots of different natural materials. Experiment with them to see if you can find anything that works well.</p> <p>Make some summer crafts. There are some great ideas here, but you could also find your own. I love the jellyfish sun catcher!</p> <p>Create a nature photo frame (instructions below).</p>	<p>For a tennis-themed guided dance, search 'Hit the ball y'all' on GoNoodle.</p> <p>Keep up your Cosmic Kids Yoga over the summer. You might like to try some of the longer adventures, such as Frozen, Trolls or Star Wars, all of which can be found on YouTube.</p> <p>There are some Joe Wickes P.E. challenge cards that can be found here.</p>
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Maths Activities

Mixed Multiplication and Division Board Game

Start

$15 \div 3$

$32 \div 8$

4×8

Go back to start

8×3

$48 \div 4$

3×9

Miss a go

6×6

5×7

6×3

Go forward 3 spaces

5×9

$8 \div 4$

$55 \div 11$

Go back 2 spaces

$80 \div 8$

$24 \div 6$

$45 \div 5$

$30 \div 5$

8×7

$66 \div 6$

Help a friend

$27 \div 3$

$80 \div 8$

Go forward one space

$28 \div 4$

Move back 6×3

$10 \div 2$

$12 \div 3$

Move back $27 + 3$

3×7

$6 \div 9$

4×4

$10 \div 2$

Move forward 4 spaces

Finish

Roll the dice and work out the multiplication or division you land on. The winner is the first to finish!

Mixed Multiplication Board Game

Start

2×9

8×6

4×7

Go back to start

2×8

6×2

3×5

7×3

Go forward 3 spaces

Miss a go

8×4

6×6

Go back 2 spaces

3×7

5×6

3×9

7×8

4×2

4×12

Help a friend

8×6

5×6

10×7

4×2

Move back 2 spaces

Go forward 4 space

Move back 7 × 8

11×5

11×3

7×5

8×10

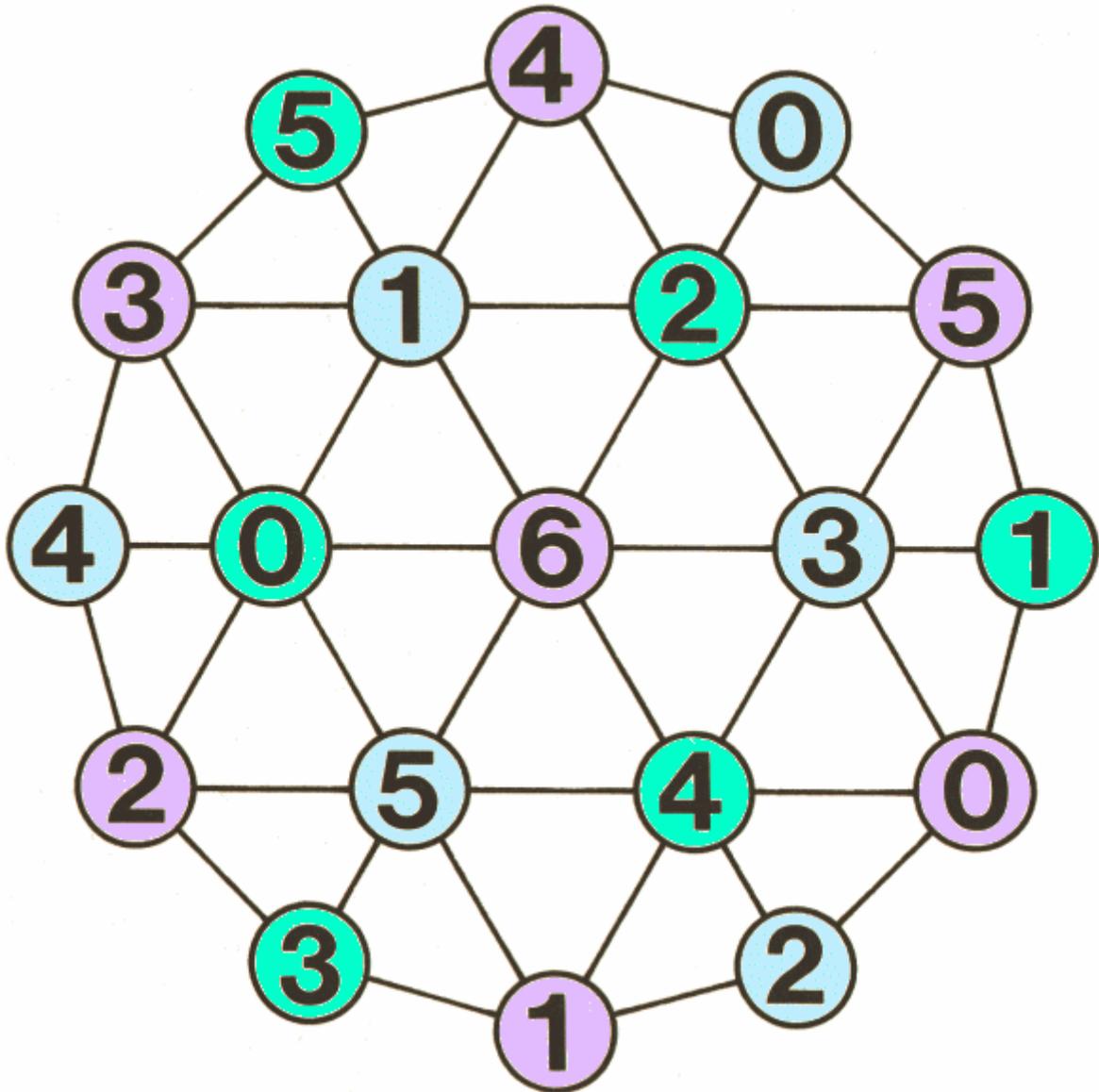
9×4

Move forward 4 spaces

Roll the dice and work out the multiplication or division you land on. The winner is the first to finish!

Finish

Addition – Totality:

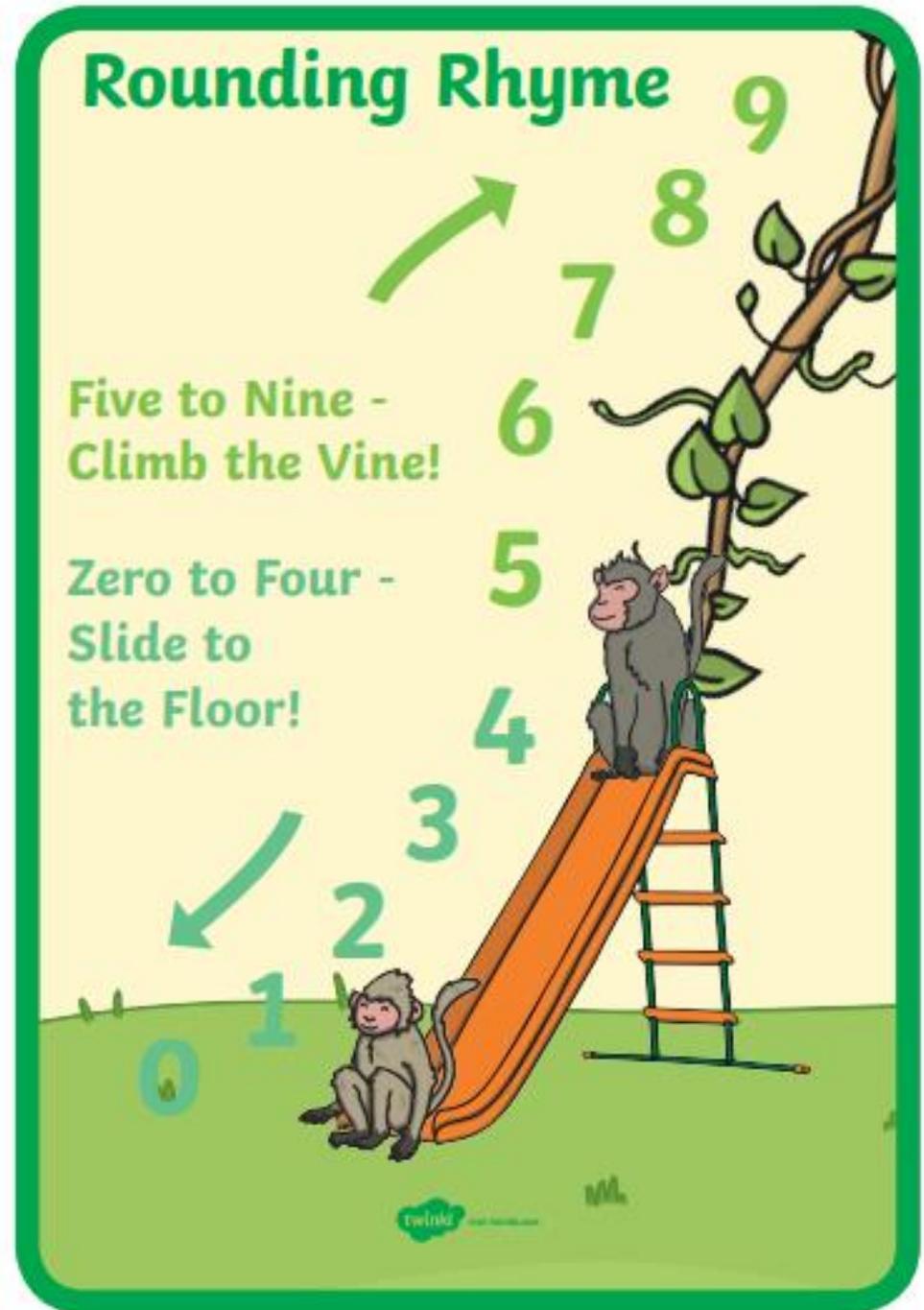


Rounding:

Mad Maths Minutes		Mad Maths Minutes	
Round to the nearest 10 Set A		Round to the nearest 10 Set B	
15 rounds to ____	87 rounds to ____	73 rounds to ____	83 rounds to ____
38 rounds to ____	49 rounds to ____	31 rounds to ____	29 rounds to ____
11 rounds to ____	51 rounds to ____	59 rounds to ____	95 rounds to ____
58 rounds to ____	63 rounds to ____	41 rounds to ____	85 rounds to ____
27 rounds to ____	46 rounds to ____	55 rounds to ____	68 rounds to ____
64 rounds to ____	57 rounds to ____	98 rounds to ____	33 rounds to ____
88 rounds to ____	61 rounds to ____	78 rounds to ____	35 rounds to ____
65 rounds to ____	75 rounds to ____	17 rounds to ____	79 rounds to ____
71 rounds to ____	56 rounds to ____	28 rounds to ____	37 rounds to ____
26 rounds to ____	45 rounds to ____	81 rounds to ____	74 rounds to ____
76 rounds to ____	52 rounds to ____	89 rounds to ____	94 rounds to ____
24 rounds to ____	82 rounds to ____	36 rounds to ____	84 rounds to ____
16 rounds to ____	69 rounds to ____	54 rounds to ____	12 rounds to ____
22 rounds to ____	48 rounds to ____	23 rounds to ____	18 rounds to ____
14 rounds to ____	42 rounds to ____	47 rounds to ____	67 rounds to ____

Answers:

Set A		Set B	
20	90	70	80
40	50	30	30
10	50	60	100
60	60	40	90
30	50	60	70
60	60	100	30
90	60	80	40
70	80	20	80
70	60	30	40
30	50	80	70
80	50	90	90
20	80	40	80
20	70	50	10
20	50	20	20
10	40	50	70



- Round the following to the nearest 10.



1. 78 → 80	6. 57 →	11. 36 →
2. 67 →	7. 35 →	12. 43 →
3. 14 →	8. 19 →	13. 94 →
4. 28 →	9. 49 →	14. 15 →
5. 33 →	10. 18 →	15. 27 →

- Round the following to the nearest 100.



16. 926 → 900	21. 993 →	26. 112 →
17. 825 →	22. 816 →	27. 760 →
18. 461 →	23. 161 →	28. 840 →
19. 510 →	24. 635 →	29. 554 →
20. 541 →	25. 177 →	30. 450 →

- Round the following to the nearest 1000.



31. 3465 → 3000	36. 6799 →	41. 1066 →
32. 8959 →	37. 1408 →	42. 7832 →
33. 7963 →	38. 8358 →	43. 4042 →
34. 5877 →	39. 8180 →	44. 2753 →
35. 5727 →	40. 4314 →	45. 862 →

Answers:

- | | | |
|--------|----------|----------|
| 1. 80 | 16. 900 | 31. 3000 |
| 2. 70 | 17. 800 | 32. 9000 |
| 3. 10 | 18. 500 | 33. 8000 |
| 4. 30 | 19. 500 | 34. 6000 |
| 5. 30 | 20. 500 | 35. 6000 |
| 6. 60 | 21. 1000 | 36. 7000 |
| 7. 40 | 22. 800 | 37. 1000 |
| 8. 20 | 23. 200 | 38. 8000 |
| 9. 50 | 24. 600 | 39. 8000 |
| 10. 20 | 25. 200 | 40. 4000 |
| 11. 40 | 26. 100 | 41. 1000 |
| 12. 40 | 27. 800 | 42. 8000 |
| 13. 90 | 28. 800 | 43. 4000 |
| 14. 20 | 29. 600 | 44. 3000 |
| 15. 30 | 30. 500 | 45. 0 |

Multiplication:

$$\begin{array}{r} 1. \quad 59 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 59 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 46 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 75 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 45 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 38 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 92 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 84 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 17 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 43 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 34 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 60 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 87 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 23 \\ \times 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 71 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 89 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 31 \\ \times 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 53 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 25 \\ \times 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 60 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 36 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 50 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 74 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 48 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 25 \\ \times 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 82 \\ \times 9 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 44 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 96 \\ \times 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 69 \\ \times 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 28 \\ \times 5 \\ \hline \\ \hline \end{array}$$

Check your answers using a calculator and then self-mark.

I scored ____ / ____ 30.

I found my

times tables tricky and need to practice these more.

$$\begin{array}{r} 1. \quad 620 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 48 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 643 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 542 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 658 \\ \times \quad 6 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 605 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 381 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 373 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 267 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 182 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 61 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 420 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 528 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 655 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 366 \\ \times \quad 8 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 240 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 17 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 710 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 961 \\ \times \quad 5 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 257 \\ \times \quad 2 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 700 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 428 \\ \times \quad 4 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 331 \\ \times \quad 7 \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 294 \\ \times \quad 3 \\ \hline \\ \hline \end{array}$$

Check your answers using a calculator and then self-mark.

I scored ____ / ____ 30.

I found my

times tables tricky and need to practice these more.

Short Division (Bus Stop Method)

Use the method of short division that you have been practising this week to do **10 calculations** from the table below. You can choose your own level of challenge, start in a column that you feel comfortable with, and then try challenging yourself with calculations from the next column.

$$78 \div 6 =$$

1	3
6	7
	8

$1 \times 6 = 6$
 1 remainder left over $3 \times 6 = 18$

$$186 \div 6 =$$

0	3	1
6	1	8
	6	

no groups of 6 can be made $1 \times 6 = 6$
 $3 \times 6 = 18$

Mild		Hot		Spicy	
$78 \div 6 =$	$95 \div 5 =$	$816 \div 3 =$	$348 \div 4 =$	$804 \div 6 =$	$536 \div 8 =$
$68 \div 4 =$	$91 \div 7 =$	$868 \div 4 =$	$252 \div 3 =$	$819 \div 7 =$	$756 \div 9 =$
$81 \div 3 =$	$84 \div 7 =$	$285 \div 5 =$	$356 \div 4 =$	$959 \div 7 =$	$544 \div 8 =$
$48 \div 3 =$	$56 \div 4 =$	$927 \div 3 =$	$192 \div 3 =$	$402 \div 6 =$	$504 \div 7 =$
$57 \div 3 =$	$72 \div 4 =$	$252 \div 4 =$	$385 \div 5 =$	$581 \div 7 =$	$576 \div 9 =$

Short Division (Bus Stop Method)

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Mild		Hot		Spicy	
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Short Division (Bus Stop Method)

Megan and Scott are playing a game. They have rolled dice to get 4 digits each.

They must put their 4 digits into the calculations below so that they make a 3-digit number being divided by a 1-digit number. To win the game, they must be the closest one to make 100.

They can order their digits in any way they want.

Who would win each round? Explain why and use examples to convince me!

Round 1							
Megan				Scott			
1	4	5	7	8	6	2	5

Short Division (Bus Stop Method)

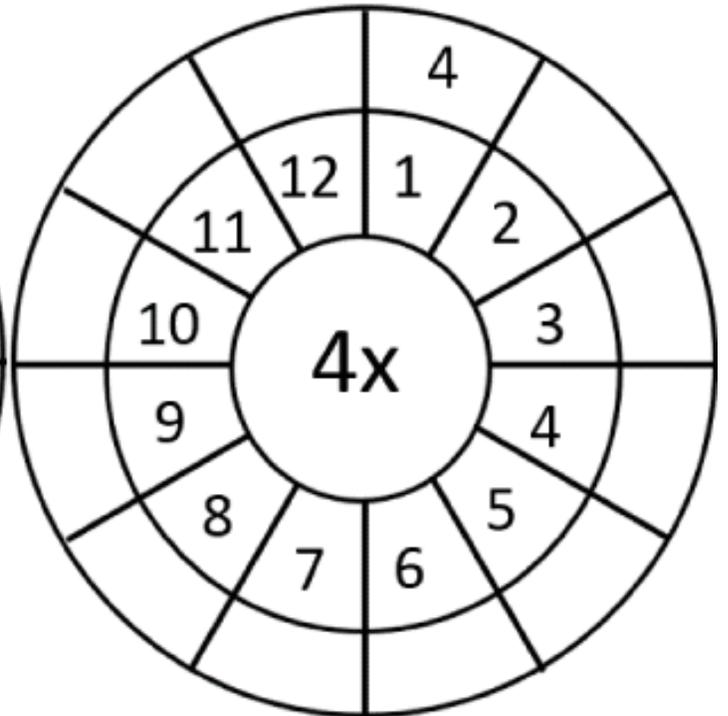
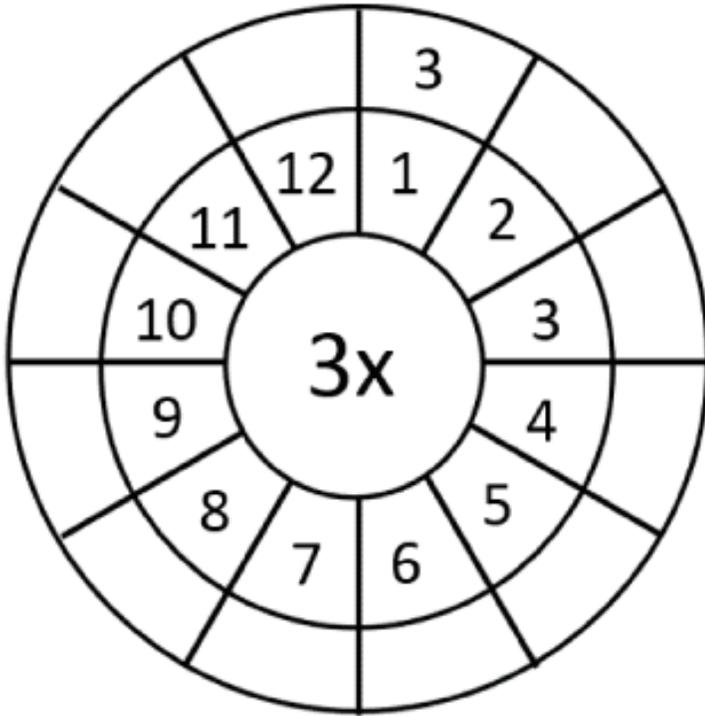
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Round 1							
Megan				Scott			
1	4	5	7	8	6	2	5

3x and 4x Table



1. Each of the eight tents at our camping site had four people staying in them. How many people are at the camping site?

2. Cakes come in packs of four. How many cakes will packs?



I have if I buy five



3. School books come in sets of in nine sets?

four. How many books are

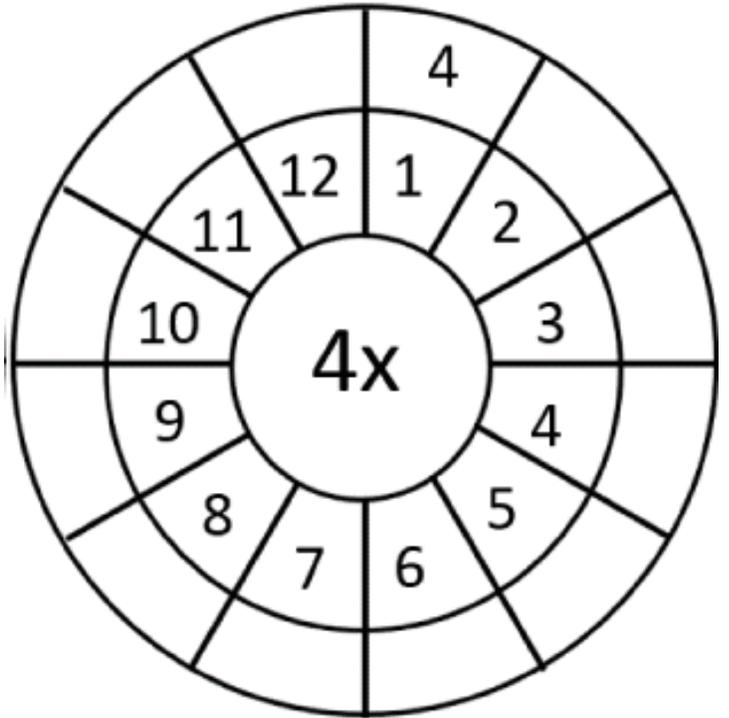
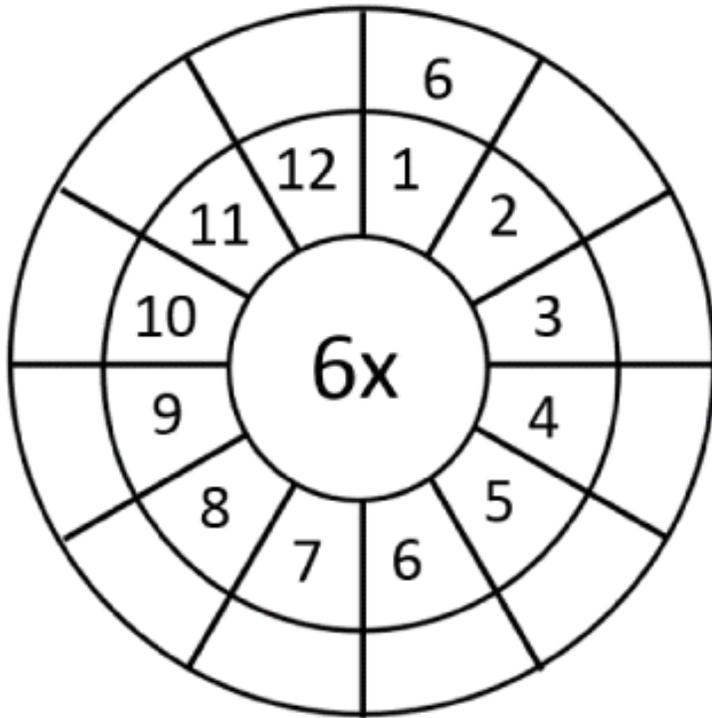
4. Our school has seven year groups with three classes in each one. How many classes are there in our school?

5. I can stick four football stickers onto a page in my sticker book. How many football stickers can I fit onto six pages?



6. Four people are playing a game of cards. They have seven cards each. How many cards do they have altogether?

6x and 4x Table

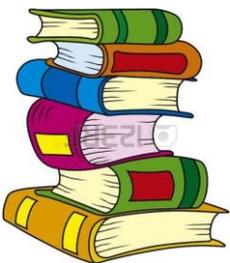


1. Each of the eight tents at our camping site had six people staying in them. How many people are at the camping site?

2. Cakes come in packs of four. How many cakes packs?



will I have if I buy seven



3. School books come in sets of six. How many books are in nine sets?

4. Our school has seven year groups with three classes in each one. How many classes are there in our school?

5. I can stick six football stickers onto a page in my many football stickers can I fit onto five pages?

6. Six people are playing a game of cards. They have How many cards do they have altogether?



sticker book. How

seven cards each.

Adding and subtracting fractions:

Adding and subtracting fractions: answers less than 1

1. $\frac{3}{7} + \frac{3}{7} =$

2. $\frac{4}{5} - \frac{1}{5} =$

3. $\frac{2}{9} + \frac{3}{9} =$

4. $\frac{2}{8} - \frac{1}{8} =$

5. $\frac{1}{7} + \frac{3}{7} =$

6. $\frac{6}{7} - \frac{3}{7} =$

7. $\frac{3}{8} + \frac{3}{8} =$

8. $\frac{3}{4} - \frac{1}{4} =$

9. $\frac{3}{10} + \frac{5}{10} =$

10. $\frac{7}{12} - \frac{4}{12} =$

ALWAYS
simplify where
possible.

Adding fractions: answers greater than 1 (NOTE: convert answer to a mixed number)

11. $\frac{5}{6} + \frac{5}{6} =$

12. $\frac{9}{10} + \frac{4}{10} =$

13. $\frac{7}{8} + \frac{5}{8} =$

14. $\frac{9}{14} + \frac{8}{14} =$

15. $\frac{8}{9} + \frac{5}{9} =$

16. $\frac{12}{20} + \frac{17}{20} =$

Adding and subtracting mixed numbers

17. $1\frac{2}{6} + 2\frac{1}{6} =$

18. $2\frac{4}{6} - \frac{5}{6} =$

19. $6\frac{1}{4} + 1\frac{1}{4} =$

20. $4\frac{3}{4} - 2\frac{1}{4} =$

21. $2\frac{3}{12} + \frac{1}{12} =$

22. $4\frac{8}{9} - 3\frac{2}{9} =$

23. $1\frac{3}{10} + 5\frac{7}{10} =$

24. $6\frac{2}{11} - 4\frac{6}{11} =$

25. $2\frac{2}{9} + 3\frac{4}{9} =$

26. $2\frac{12}{15} - 1\frac{4}{15} =$

27. Paul walked $2\frac{5}{6}$ miles on Wednesday. He walked $3\frac{1}{6}$ on Thursday. How much further did Paul walk on Thursday?

28. Sam had $1\frac{4}{9}$ of pizza and she gave Harrison $\frac{8}{9}$ of pizza. How much pizza was she left with

Adding decimals:

Use your adding skills to add these decimals up. Remember: 10 tenths = 1 one (or 1 whole).

- | | | |
|-------------------------|-------------------------|-------------------------------|
| 1) $0.3 + 0.4 =$ _____ | 21) $1.4 + 1.3 =$ _____ | 41) $15.4 + 2.2 =$ _____ |
| 2) $0.7 + 0.2 =$ _____ | 22) $2.8 + 2.1 =$ _____ | 42) $17.6 + 3.1 =$ _____ |
| 3) $0.1 + 0.6 =$ _____ | 23) $3.2 + 1.3 =$ _____ | 43) $23.5 + 4.4 =$ _____ |
| 4) $0.5 + 0.5 =$ _____ | 24) $5.1 + 2.2 =$ _____ | 44) $31.1 + 7.7 =$ _____ |
| 5) $0.3 + 0.6 =$ _____ | 25) $1.4 + 3.3 =$ _____ | 45) $12.8 + 4.5 =$ _____ |
| 6) $0.7 + 0.3 =$ _____ | 26) $6.2 + 2.5 =$ _____ | 46) $52.4 + 8.3 =$ _____ |
| 7) $0.8 + 0.4 =$ _____ | 27) $2.3 + 4.6 =$ _____ | 47) $64.8 + 8.7 =$ _____ |
| 8) $0.9 + 0.6 =$ _____ | 28) $6.5 + 4.1 =$ _____ | 48) $42.5 + 5.7 =$ _____ |
| 9) $0.4 + 0.7 =$ _____ | 29) $4.8 + 5.7 =$ _____ | 49) $22.8 + 4.3 =$ _____ |
| 10) $0.8 + 0.8 =$ _____ | 30) $2.8 + 6.5 =$ _____ | 50) $3.2 + 2.4 + 1.1 =$ _____ |
| 11) $0.7 + 0.6 =$ _____ | 31) $5.6 + 7.4 =$ _____ | 51) $5.3 + 1.6 + 2.0 =$ _____ |
| 12) $1.3 + 0.4 =$ _____ | 32) $3.9 + 8.6 =$ _____ | 52) $2 + 3.6 + 5.4 =$ _____ |
| 13) $2.1 + 0.5 =$ _____ | 33) $7 + 8.9 =$ _____ | 53) $3.7 + 1.5 + 4.2 =$ _____ |
| 14) $3.2 + 0.2 =$ _____ | 34) $12 + 5.4 =$ _____ | 54) $7.4 + 5.6 + 3.2 =$ _____ |
| 15) $4.3 + 0.1 =$ _____ | 35) $4.8 + 6.7 =$ _____ | 55) $4.7 + 0.9 + 3.4 =$ _____ |
| 16) $4.7 + 0.3 =$ _____ | 36) $9.7 + 6.4 =$ _____ | 56) $1.6 + 0.8 + 6.5 =$ _____ |
| 17) $5.2 + 0.8 =$ _____ | 37) $7.5 + 3.8 =$ _____ | 57) $8.1 + 4.5 + 0.6 =$ _____ |
| 18) $6 + 0.7 =$ _____ | 38) $15 + 7.6 =$ _____ | 58) $0.5 + 4.7 + 3.8 =$ _____ |
| 19) $1.4 + 0.8 =$ _____ | 39) $9.4 + 3.6 =$ _____ | 59) $5.6 + 8.2 + 1.7 =$ _____ |
| 20) $3.7 + 0.6 =$ _____ | 40) $8.7 + 4.4 =$ _____ | 60) $6.8 + 7.7 + 2.1 =$ _____ |

Answers:

- | | | |
|-----------------------------------|------------------------------------|------------------------------------------|
| 1) $0.3 + 0.4 = \underline{0.7}$ | 21) $1.4 + 1.3 = \underline{2.7}$ | 41) $15.4 + 2.2 = \underline{17.6}$ |
| 2) $0.7 + 0.2 = \underline{0.9}$ | 22) $2.8 + 2.1 = \underline{4.9}$ | 42) $17.6 + 3.1 = \underline{20.7}$ |
| 3) $0.1 + 0.6 = \underline{0.7}$ | 23) $3.2 + 1.3 = \underline{4.5}$ | 43) $23.5 + 4.4 = \underline{27.9}$ |
| 4) $0.5 + 0.5 = \underline{1.0}$ | 24) $5.1 + 2.2 = \underline{7.3}$ | 44) $31.1 + 7.7 = \underline{38.8}$ |
| 5) $0.3 + 0.6 = \underline{0.9}$ | 25) $1.4 + 3.3 = \underline{4.7}$ | 45) $12.8 + 4.5 = \underline{17.3}$ |
| 6) $0.7 + 0.3 = \underline{1.0}$ | 26) $6.2 + 2.5 = \underline{8.7}$ | 46) $52.4 + 8.3 = \underline{60.7}$ |
| 7) $0.8 + 0.4 = \underline{1.2}$ | 27) $2.3 + 4.6 = \underline{6.9}$ | 47) $64.8 + 8.7 = \underline{73.5}$ |
| 8) $0.9 + 0.6 = \underline{1.5}$ | 28) $6.5 + 4.1 = \underline{10.6}$ | 48) $42.5 + 5.7 = \underline{48.2}$ |
| 9) $0.4 + 0.7 = \underline{1.1}$ | 29) $4.8 + 5.7 = \underline{10.5}$ | 49) $22.8 + 4.3 = \underline{27.1}$ |
| 10) $0.8 + 0.8 = \underline{1.6}$ | 30) $2.8 + 6.5 = \underline{9.3}$ | 50) $3.2 + 2.4 + 1.1 = \underline{6.7}$ |
| 11) $0.7 + 0.6 = \underline{1.3}$ | 31) $5.6 + 7.4 = \underline{13.0}$ | 51) $5.3 + 1.6 + 2.0 = \underline{8.9}$ |
| 12) $1.3 + 0.4 = \underline{1.7}$ | 32) $3.9 + 8.6 = \underline{12.5}$ | 52) $2 + 3.6 + 5.4 = \underline{11.0}$ |
| 13) $2.1 + 0.5 = \underline{2.6}$ | 33) $7 + 8.9 = \underline{15.9}$ | 53) $3.7 + 1.5 + 4.2 = \underline{9.4}$ |
| 14) $3.2 + 0.2 = \underline{3.4}$ | 34) $12 + 5.4 = \underline{17.4}$ | 54) $7.4 + 5.6 + 3.2 = \underline{16.2}$ |
| 15) $4.3 + 0.1 = \underline{4.4}$ | 35) $4.8 + 6.7 = \underline{11.5}$ | 55) $4.7 + 0.9 + 3.4 = \underline{9.0}$ |
| 16) $4.7 + 0.3 = \underline{5.0}$ | 36) $9.7 + 6.4 = \underline{16.1}$ | 56) $1.6 + 0.8 + 6.5 = \underline{8.9}$ |
| 17) $5.2 + 0.8 = \underline{6.0}$ | 37) $7.5 + 3.8 = \underline{11.3}$ | 57) $8.1 + 4.5 + 0.6 = \underline{13.2}$ |
| 18) $6 + 0.7 = \underline{6.7}$ | 38) $15 + 7.6 = \underline{22.6}$ | 58) $0.5 + 4.7 + 3.8 = \underline{9.0}$ |
| 19) $1.4 + 0.8 = \underline{2.2}$ | 39) $9.4 + 3.6 = \underline{13.0}$ | 59) $5.6 + 8.2 + 1.7 = \underline{15.5}$ |
| 20) $3.7 + 0.6 = \underline{4.3}$ | 40) $8.7 + 4.4 = \underline{13.1}$ | 60) $6.8 + 7.7 + 2.1 = \underline{16.6}$ |

Subtracting decimals:

Use your subtracting skills to subtract these decimals.

Remember: 10 tenths = 1 (or 1 whole).

- | | | |
|-------------------------|-------------------------|--------------------------|
| 1) $0.7 - 0.2 =$ _____ | 21) $1.4 - 1.3 =$ _____ | 41) $5.4 - 2.9 =$ _____ |
| 2) $0.8 - 0.3 =$ _____ | 22) $2.8 - 2.1 =$ _____ | 42) $7.6 - 3.7 =$ _____ |
| 3) $1 - 0.1 =$ _____ | 23) $3.2 - 1.3 =$ _____ | 43) $10.5 - 4.4 =$ _____ |
| 4) $0.5 - 0.5 =$ _____ | 24) $3.1 - 2.1 =$ _____ | 44) $11.1 - 7.7 =$ _____ |
| 5) $0.8 - 0.6 =$ _____ | 25) $5.4 - 3.3 =$ _____ | 45) $12.8 - 4.5 =$ _____ |
| 6) $0.7 - 0.3 =$ _____ | 26) $3.8 - 2.5 =$ _____ | 46) $13 - 4.3 =$ _____ |
| 7) $0.8 - 0.4 =$ _____ | 27) $5.3 - 4.3 =$ _____ | 47) $4.8 - 1.1 =$ _____ |
| 8) $0.9 - 0.6 =$ _____ | 28) $6.5 - 4.1 =$ _____ | 48) $9.5 - 5.7 =$ _____ |
| 9) $1 - 0.7 =$ _____ | 29) $7.8 - 5.7 =$ _____ | 49) $16.8 - 4.3 =$ _____ |
| 10) $0.9 - 0.8 =$ _____ | 30) $8.8 - 6.5 =$ _____ | 50) $6.2 - 4.7 =$ _____ |
| 11) $1.2 - 0.7 =$ _____ | 31) $9.6 - 7.4 =$ _____ | 51) $7.9 - 3.5 =$ _____ |
| 12) $1.3 - 0.4 =$ _____ | 32) $3.9 - 2.6 =$ _____ | 52) $10 - 2.6 =$ _____ |
| 13) $1.1 - 0.5 =$ _____ | 33) $7 - 1.9 =$ _____ | 53) $15.5 - 1.7 =$ _____ |
| 14) $1.2 - 0.2 =$ _____ | 34) $8 - 5.4 =$ _____ | 54) $21 - 3.6 =$ _____ |
| 15) $2.3 - 0.1 =$ _____ | 35) $4.8 - 2.7 =$ _____ | 55) $12.3 - 2.3 =$ _____ |
| 16) $1.7 - 0.3 =$ _____ | 36) $5.1 - 3.5 =$ _____ | 56) $17.6 - 4.2 =$ _____ |
| 17) $1.2 - 0.8 =$ _____ | 37) $7.5 - 3.8 =$ _____ | 57) $24 - 3.8 =$ _____ |
| 18) $2 - 0.7 =$ _____ | 38) $6 - 2.6 =$ _____ | 58) $15.3 - 7.1 =$ _____ |
| 19) $2.4 - 1.1 =$ _____ | 39) $9.4 - 3.6 =$ _____ | 59) $20 - 12.6 =$ _____ |
| 20) $3.7 - 1.2 =$ _____ | 40) $8.2 - 4.4 =$ _____ | 60) $12 - 3.4 =$ _____ |

Answers:

1) $0.7 - 0.2 = \underline{0.5}$

2) $0.8 - 0.3 = \underline{0.5}$

3) $1 - 0.1 = \underline{0.9}$

4) $0.5 - 0.5 = \underline{0}$

5) $0.8 - 0.6 = \underline{0.2}$

6) $0.7 - 0.3 = \underline{0.4}$

7) $0.8 - 0.4 = \underline{0.4}$

8) $0.9 - 0.6 = \underline{0.3}$

9) $1 - 0.7 = \underline{0.3}$

10) $0.9 - 0.8 = \underline{0.1}$

11) $1.2 - 0.7 = \underline{0.5}$

12) $1.3 - 0.4 = \underline{0.9}$

13) $1.1 - 0.5 = \underline{0.6}$

14) $1.2 - 0.2 = \underline{1}$

15) $2.3 - 0.1 = \underline{2.2}$

16) $1.7 - 0.3 = \underline{1.4}$

17) $1.2 - 0.8 = \underline{1.4}$

18) $2 - 0.7 = \underline{1.3}$

19) $2.4 - 1.1 = \underline{1.3}$

20) $3.7 - 1.2 = \underline{2.5}$

21) $1.4 - 1.3 = \underline{0.1}$

22) $2.8 - 2.1 = \underline{0.7}$

23) $3.2 - 1.3 = \underline{1.9}$

24) $3.1 - 2.1 = \underline{1}$

25) $5.4 - 3.3 = \underline{2.1}$

26) $3.8 - 2.5 = \underline{1.3}$

27) $5.3 - 4.3 = \underline{1}$

28) $6.5 - 4.1 = \underline{2.4}$

29) $7.8 - 5.7 = \underline{2.1}$

30) $8.8 - 6.5 = \underline{2.3}$

31) $9.6 - 7.4 = \underline{2.2}$

32) $3.9 - 2.6 = \underline{1.3}$

33) $7 - 1.9 = \underline{5.1}$

34) $8 - 5.4 = \underline{2.6}$

35) $4.8 - 2.7 = \underline{2.1}$

36) $5.1 - 3.5 = \underline{1.6}$

37) $7.5 - 3.8 = \underline{3.7}$

38) $6 - 2.6 = \underline{3.4}$

39) $9.4 - 3.6 = \underline{5.8}$

40) $8.2 - 4.4 = \underline{3.8}$

41) $5.4 - 2.9 = \underline{2.5}$

42) $7.6 - 3.7 = \underline{3.9}$

43) $10.5 - 4.4 = \underline{6.1}$

44) $11.1 - 7.7 = \underline{3.4}$

45) $12.8 - 4.5 = \underline{8.3}$

46) $13 - 4.3 = \underline{8.7}$

47) $4.8 - 1.1 = \underline{3.7}$

48) $9.5 - 5.7 = \underline{3.8}$

49) $16.8 - 4.3 = \underline{12.5}$

50) $6.2 - 4.7 = \underline{1.5}$

51) $7.9 - 3.5 = \underline{4.4}$

52) $10 - 2.6 = \underline{7.4}$

53) $15.5 - 1.7 = \underline{13.8}$

54) $21 - 3.6 = \underline{17.4}$

55) $12.3 - 2.3 = \underline{10}$

56) $17.6 - 4.2 = \underline{13.4}$

57) $24 - 3.8 = \underline{20.2}$

58) $15.3 - 7.1 = \underline{8.2}$

59) $20 - 12.6 = \underline{7.4}$

60) $12 - 3.4 = \underline{8.6}$

Measuring Units Worksheet

Convert.

1 a. 400 cm = _____ m

1 b. 3,000 m = _____ km

2 a. 700 cm = _____ m

2 b. 7,000 m = _____ km

3 a. 4,000 m = _____ km

3 b. 10 m = _____ cm

4 a. 100 cm = _____ m

4 b. 500 cm = _____ m

5 a. 3 m = _____ cm

5 b. 1,000 m = _____ km

6 a. 8 m = _____ cm

6 b. 6 m = _____ cm

7 a. 9,000 m = _____ km

7 b. 200 cm = _____ m

8 a. 5 km = _____ m

8 b. 6,000 m = _____ km

9 a. 2,000 m = _____ km

9 b. 900 cm = _____ m

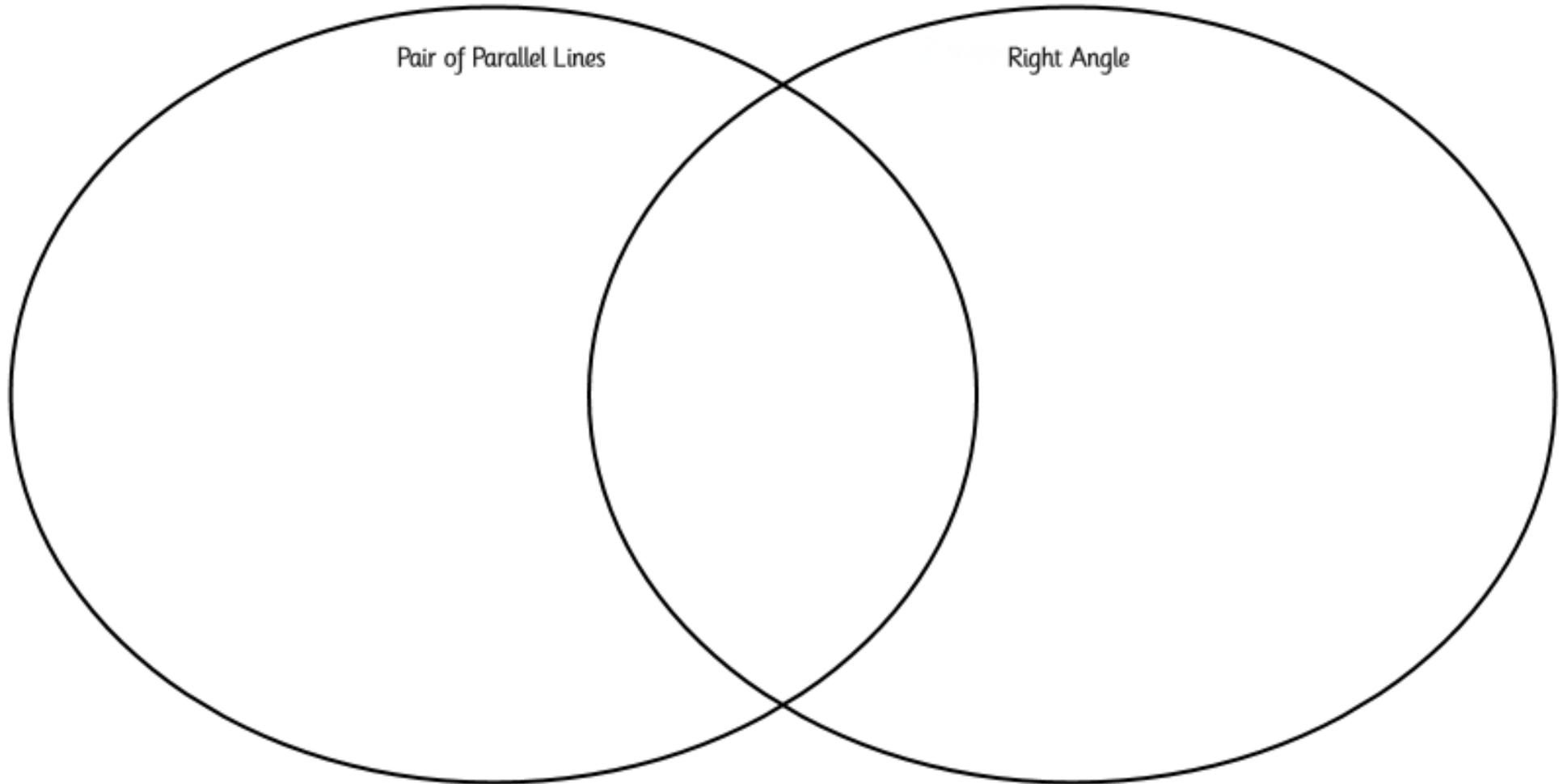
10 a. 8,000 m = _____ km

10 b. 10 km = _____ m

Shape and space:

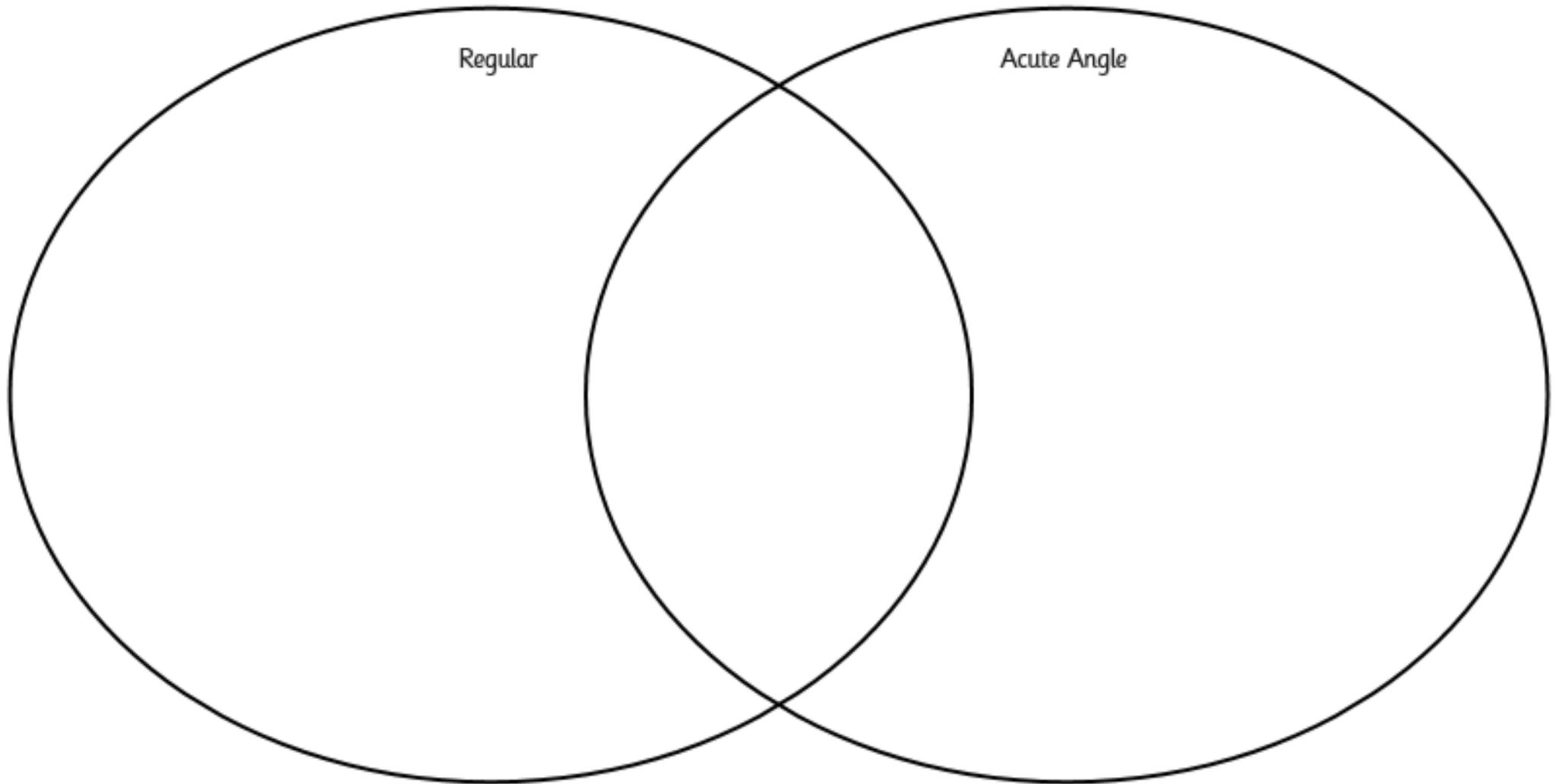
Shape Sort

Sort the shapes into the correct place on the Venn diagram.

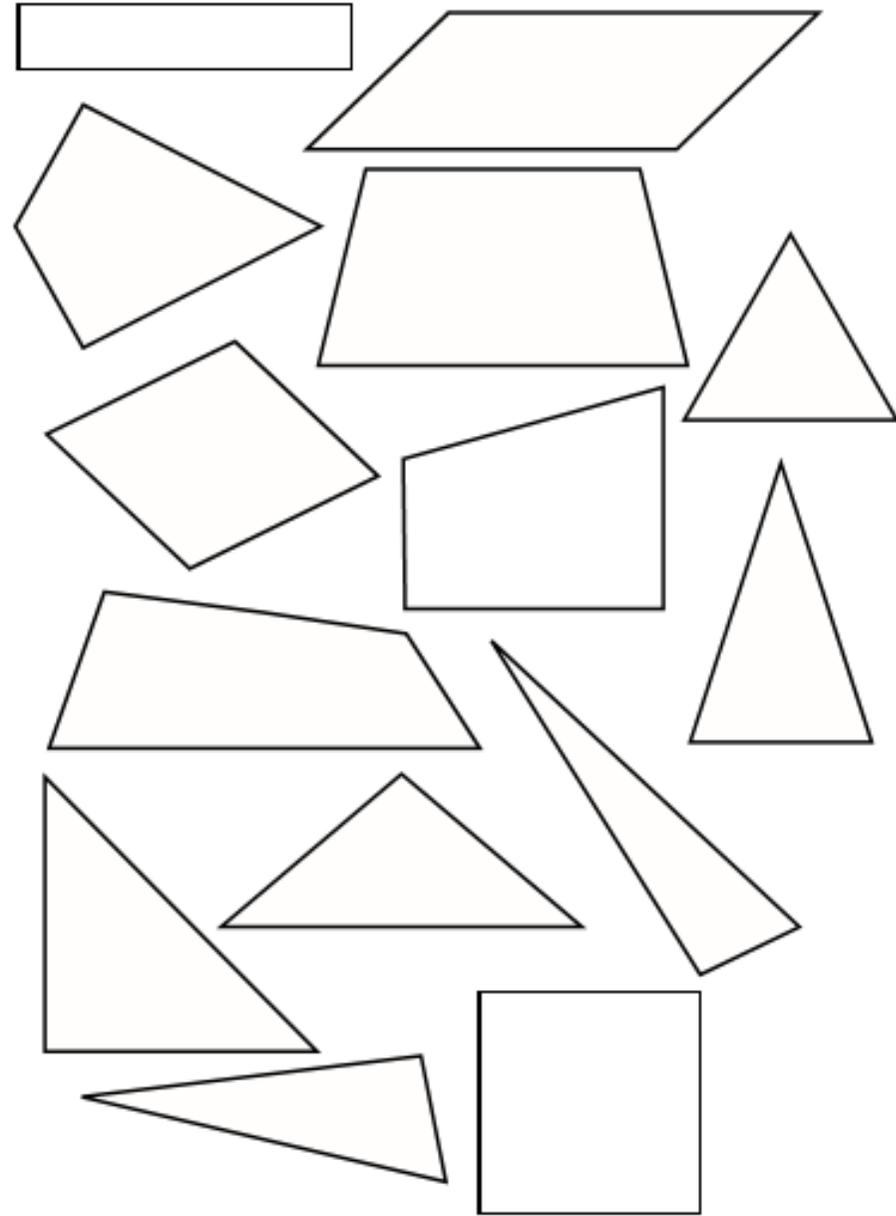
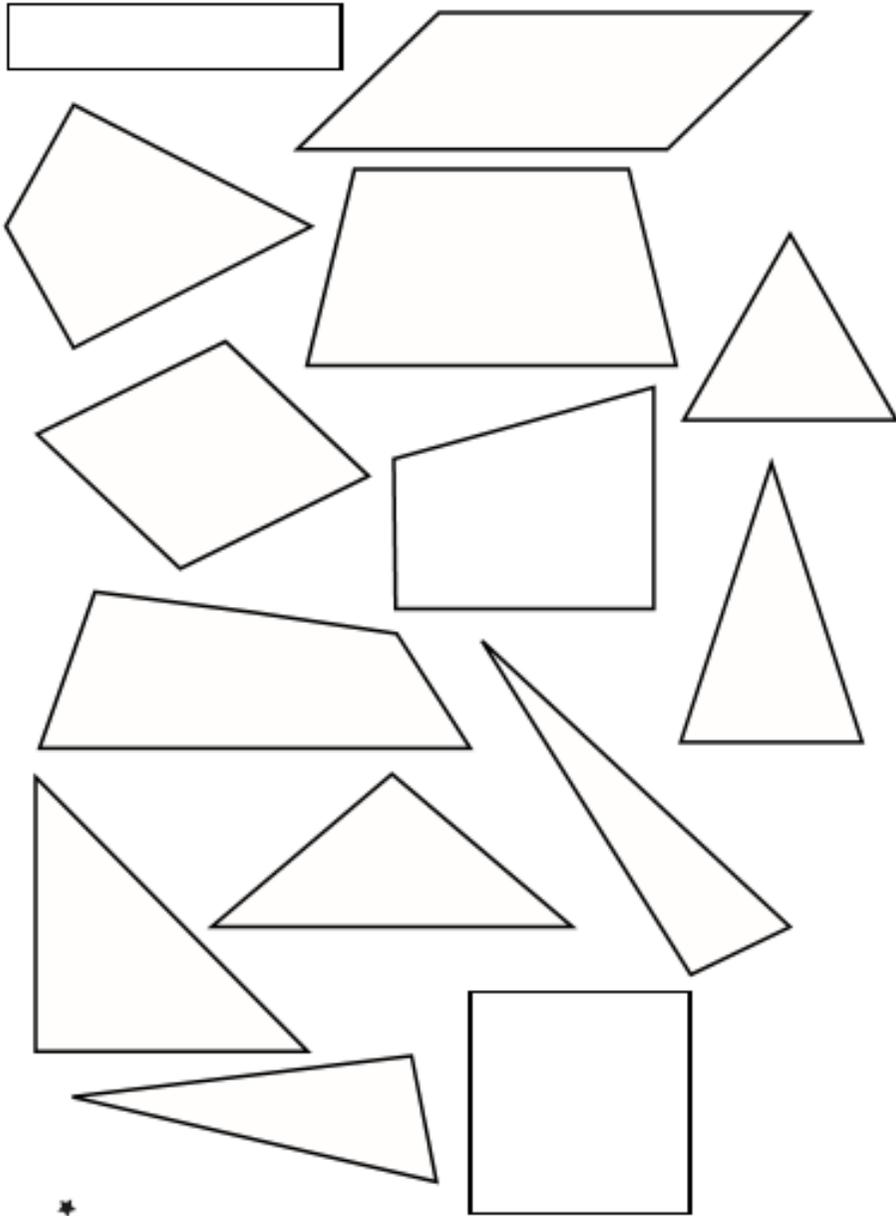


Shape Sort

Sort the shapes into the correct place on the Venn diagram.



Cut out or draw these shapes and sort them into the correct venn diagrams above. Bonus: create your own venn diagrams with headings of your choice!





Reading Activities

Passage A

It was a pleasant, sunny day and Matisse pushed Violet gently on the swing. She squealed happily as it went back and forth. After a while, Matisse began to get bored. He raced off towards the biggest slide he could see. Violet struggled to get off the swing and began to toddle her way towards the slide Matisse was already zooming down. Violet had just reached the bottom of the slide when Matisse ran towards the climbing frame. "Mattie! Mattie! Wait for me," she shouted as she tried to catch up with him. Matisse scrambled his way up the climbing frame like a monkey scaling a tree. Violet managed to reach up to the first rung but couldn't manage to get her leg to reach. She sat down on the ground and began to cry.

1. a) Where are Violet and Matisse?

b) What clues did you find in the text which helped you?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

2. a) Who do you think is older? Matisse or Violet?

b) What clues did you find in the text which helped you?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

Passage B

As Rory walked up his path, he froze. Something was wrong. The curtain in the front room was hanging limply with rips all the way through. Beyond the curtains, Rory could see a scene of destruction. Lights were lying on the ground, the rug was ripped and there were bits of ornaments strewn over the carpet. Rory's stomach lurched as he rushed towards the front door. Fumbling for his keys, he unlocked his door and rushed inside. The devastation continued. The door to the kitchen, which Rory was sure he had closed before going to work, was swung open and had scratch marks halfway up. Rory closed his eyes and clenched his fists. All the way up the stairs were muddy little prints. Rory stormed up the stairs following the prints and shoved the door to his bedroom open and burst in. Sitting in the middle of the remains of the bed clothes sat Rory's white, fluffy, guilty-looking dog, Angus.

1. a) Who or what has caused the destruction in Rory's house?

- b) What were your clues in the text?

- c) Now put the two together to make a full answer in a sentence with some evidence from the text.

1. a) How does Rory feel?

b) What were your clues in the text?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

Passage C

The leaves were falling from the trees as Sundai walked along the path. The days were getting shorter and there were smells of bonfires in the air. The sound of a snapping twig off the path to the left made her freeze. Someone or something was there. Very quietly, she turned to look at the bushes beside her. Carefully, she crouched down. At the bottom of one of the bushes was a pair of dark brown eyes staring at her. For a long moment, the two stared at each other. "Oh, it's you again," she breathed. Then the eyes disappeared and all Sundai heard was the swish of a tail and four paws padding away.

1. a) What time of year is it?

b) What were your clues from the text?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

2. a) Is this the first time Sundai has met this someone or something?

b) What were your clues from the text?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

3. a) Who or what do you think the someone or something is?

b) What were your clues from the text?

c) Now put the two together to make a full answer in a sentence with some evidence from the text.

Year 3 and 4 Common Exception Words

Aa	breath	consider	enough	group	island	natural	popular	Rr	surprise
accident	breathe	continue	exercise	guard	Kk	naughty	position	recent	Tt
accidentally	build	Dd	experience	guide	knowledge	notice	possess	regular	therefore
actual	busy	decide	extreme	Hh	Ll	Oo	possession	reign	though
actually	business	describe	Ff	heard	learn	occasion	possible	remember	thought
address	Cc	different	famous	heart	length	occasionally	potatoes	Ss	through
although	calendar	difficult	favourite	height	library	often	pressure	sentence	Vv
answer	caught	disappear	February	history	Mm	opposite	probably	separate	various
appear	centre	Ee	forward	Ii	material	ordinary	promise	special	Ww
arrive	century	early	forwards	imagine	medicine	Pp	purpose	straight	weight
Bb	certain	earth	fruit	increase	mention	particular	Qq	strange	woman
believe	circle	eight	Gg	important	minute	peculiar	quarter	strength	women
bicycle	complete	eighth	grammar	interest	Nn	perhaps	question	suppose	



Wider Curriculum

Old Class, New Class



Things I liked doing in my old class:

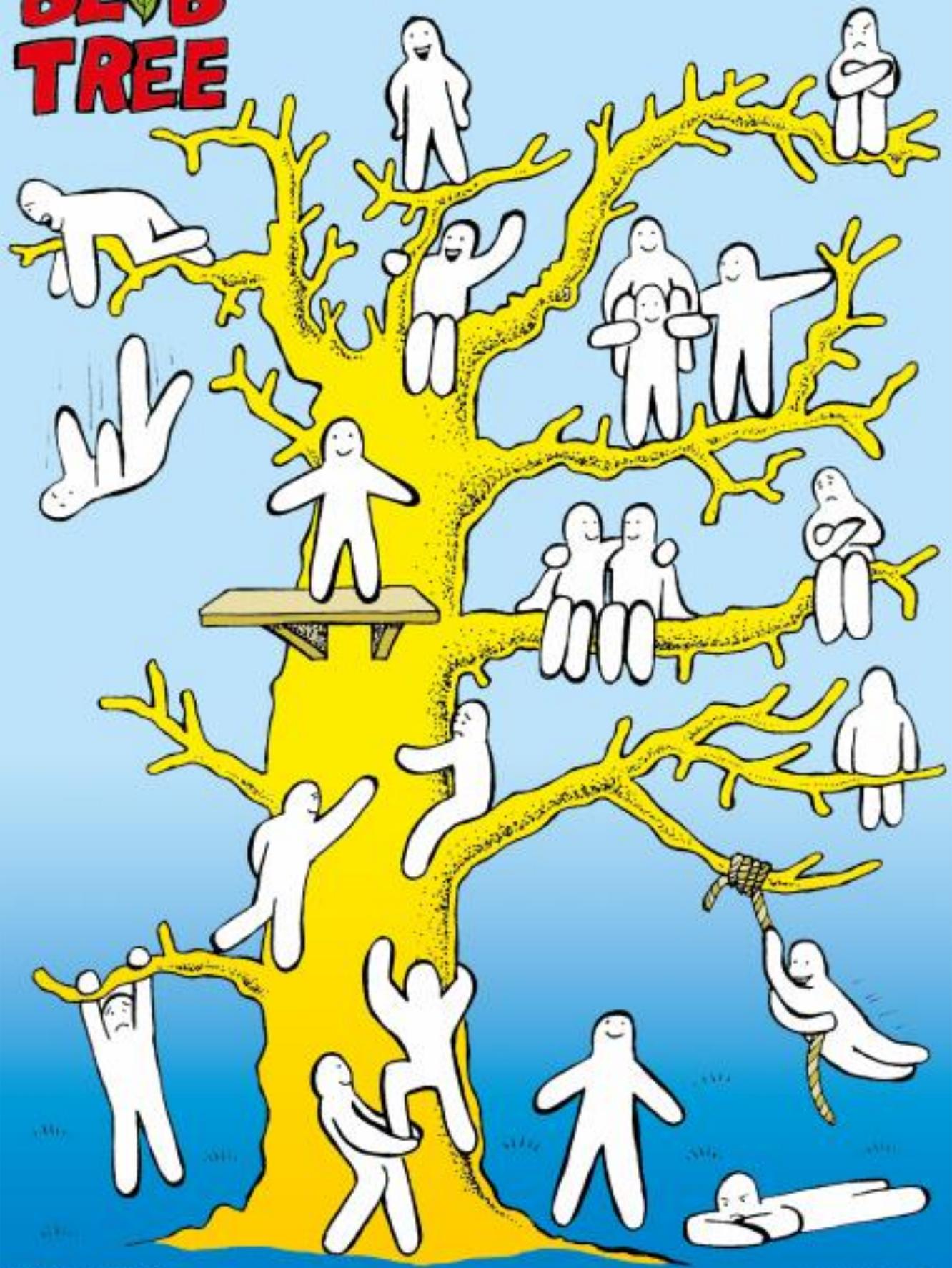


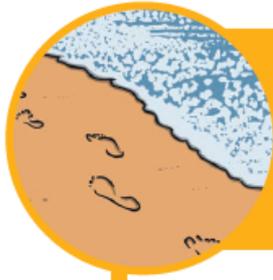
Things I am looking forward to doing in my new class:



I would like to ask my new teacher...

BLOB TREE





Summer Outdoor Learning Activities

Even if the weather isn't perfect, summer is a great time for outdoor learning. Here are some great ideas to try with your little ones this summer. Just remember a hat and sunscreen if it is warm!

Paint some stones: On a trip to the beach, collect some large, smooth pebbles in different colours. Paint them with normal ready-mixed paint, and then paint a layer of PVA glue over the top to protect them and make them shiny.

Visit a fruit farm: Children love picking (and eating) their own fruit, and what you manage to bring back can be turned into ice pops (freeze in moulds with juice) or eaten with cream or ice cream. You could also talk about the different tastes and colours of the fruit.

Create a beach day in your back garden: Fill a paddling pool, get out of the house and buy a bag of play sand from the DIY store. Use old kitchen utensils, yogurt pots and other containers to make sandcastles and sculptures.

Go on a sensory walk. Stop occasionally to talk about what you can see, hear, feel and smell.

On a sunny day, make a sundial. Choose a strong, sturdy stick and push it upright into the ground, somewhere that is in the open sun. Once the time hits the hour, use a marked stone or write the time on the ground at the end of the stick's shadow. You can then carry on marking the time at hourly intervals to create your very own sundial. Use it the next day to tell the time.

Mix sand with paint and create a beach picture with lots of lovely texture. Add some shells and brightly coloured scraps of paper to make deckchairs, kites and sunbathers!

Go on a walk in the country and collect a posy of wild flowers. Remember to be respectful of the environment, and avoid picking anything which may be poisonous. Bring the flowers home and arrange them beautifully in a vase. Alternatively, press the flowers in layers of kitchen roll between the pages of a heavy book.

Take a camera out with you on a walk and take photos to represent the colours of the rainbow - blue sky, green grass, purple berries, etc. Print the photos off and create a rainbow collage.

Make salt trails: Dissolve a few teaspoons of salt into a cup of water, then use this to paint patterns onto a piece of coloured paper. Leave to dry in the sun and you will reveal beautiful salt trails.



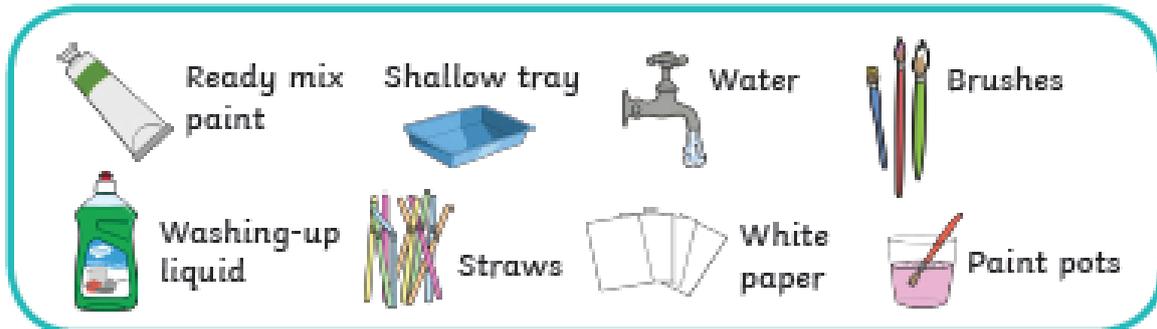
Creative Activities

Bubble Painting

Awe and Wonder

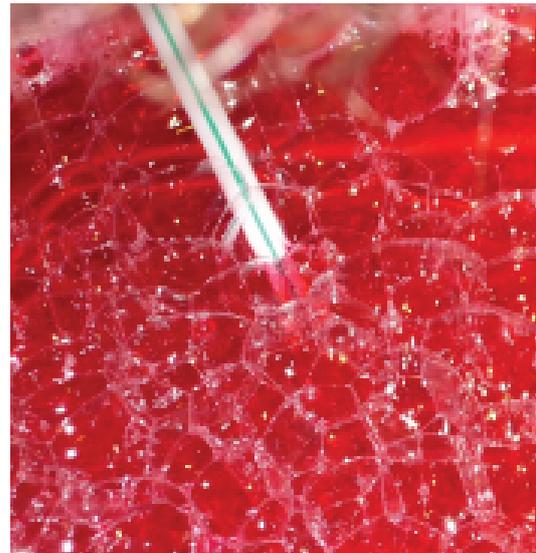
Soap Bubbles Prints

You will need:



Method:

1. Mix together, $\frac{1}{3}$ ready mix paint, $\frac{1}{3}$ water and $\frac{1}{3}$ washing up liquid in a paint pot.
2. Pour into a shallow tray.
3. Take a straw, place into the liquid and begin to blow, make sure not to suck otherwise you'll end up with a mouth full of paint!
4. Move the straw around creating bubbles.
5. Once the tray is full of bubbles take a sheet of paper and lay it carefully on top of the tray pressing down gently.
6. Lift it off and see the print you have created of the bubbles.



The Science Bit

Because washing up liquid can hold air inside its bubbles when you blow air in to the mixture it stays there creating lots of coloured bubbles. Because there is water in the mixture when you put paper on top of it the water is sucked into the paper, leaving a print.

Photo courtesy of (Kate McDonald@flickr.com) - granted under creative commons license - attribution

Summer crafts

twinkl

Craft Instructions

Seaside In A Bottle

Supplies

- Plastic water bottle
- Sand
- Assortment of shells
- Pebbles
- Funnel
- Blue food colouring
- Washing up liquid



- Card
- Fine line pen
- Ribbon or string
- Hole punch



- 1 Using a funnel, pour sand into the plastic bottle until it is $\frac{1}{4}$ full.



- 2 Now choose objects to make your seaside scene! We used shells and pebbles.



- 3 Add a few drops of blue food colouring and washing up liquid to the water.



- 4 Top the bottle up with water, again using the funnel to pour.



- 5 Screw the lid tightly onto the bottle. Now place it on its side and allow the contents to settle. You should end up with your very own seaside scene!



- 6 Now make a tag for your bottle. Using scissors, cut out a small rectangular shape from the card. Then use a hole punch to make a hole at one end. We stained ours with tea to make it look old.



- 7 Using a fine line pen, write a message such as 'My Seaside in a bottle' onto the tag.



- 8 Thread a length of ribbon or wool round the neck of the bottle and tie the tag on to it.

Nature Photo Frames

You will need:

- four large sticks or twigs
- a selection of stones
- a selection of flower heads and stems
- grass
- a selection of leaves
- petals



The Activity:

1. Go on a nature treasure hunt around your garden or near to your home. Allow your child to be creative and search out lots of different items, collecting as many items and colours as possible.
2. Decide with your child what material they would like their photo frame to be made out of. It could be made from sticks, flower stems, wooden planks or even lots of small stones. It could even be a mixture of different items, depending on what you find.
3. Create your photo frame making a square shape.
4. Using your collected items, create a picture inside your photo frame. Your child could create a portrait of themselves or a picture of something that makes them happy e.g. a pattern, a place, another person or an animal.

