Rainbow International School
Curriculum/ British
License NO.4340140079
Ministry of Education
General Directorate of Education/ Riyadh

مدارس قوس قزح العالمية
المنهج / بريطاني
ترخيص رقم . 4340140079
تحت اشراف وزارة التربية والتعليم

Final Exam Revision Sheet

G5

Circle the bonds

Put a circle around all the pairs of numbers that total 1.

0.2	0.4	0.6	0.7	0	0.9
0.9	0.8	0.3	0.5	0.1	1
0.1	0	0.6	0.5	0.4	0.7
0.3	0.4	1	0.8	0.6	0.3
0.1	0.7	0.5	0.9	0.2	0.4
0.9	0.5	0.1	0.7	0	1

Fill in the missing numbers to make 1.

1) 0.3 + ___ = 1
2) 0.6 + ___ = 1
3) 1 – 0.4 = ___
4) 0.7 + ___ = 1
5) 0.1 + ___ = 1
6) 1 – 0.7 = ___
7) ___ + 0.2 = 1
8) ___ + 0.8 = 1
9) 1 – ___ = 0.1
10) ___ + 0.5 = 1
11) ___ + 0.4 = 1
12) 1 – ___ = 0.6

Fill in the missing numbers in the table so that the columns add up to 1.

0.32	0.57			0.63	0.41		0.88	0.37
0.68		0.26	0.94			0.07		

Fill in the missing numbers to make 1.

1) 0.34 + _____ = 1
2) 0.61 + _____ = 1
3) 1 – 0.45 = _____
4) 0.72 + _____ = 1
5) 0.04 + _____ = 1
6) 1 – 0.73 = _____
7) _____ + 0.2 = 1
8) _____ + 0.89 = 1
9) 1 – _____ = 0.92
10) _____ + 0.56 = 1
11) _____ + 0.48 = 1
12) 1 – _____ = 0.06

Join the bonds

Join up the number bonds that add up to make 1.

0.38	0.15
0.14	0.62
0.85	0.97
0.03	0.86

0.27	0.42
0.58	0.4
0.96	0.73
0.6	0.04

Work out the missing numbers in these decimal additions.

1)

	3	2	.	
+		4	.	8
	4		.	9

2)

	5		.	3	1
+	1	4	.		
		5	.	5	8

3)

	6	4		.	2
+		2	3	.	6
	8		7	.	

4)

	4	6	.	
+		1	.	3
	5		.	1

5)

	6		.	4	0
+	2	3	.	7	
		6	.		7

6)

	3	7	1	.	
+		5		.	7
	6		4	.	9

7)

	2	0	.	
+		7	.	3
	3		.	3

8)

	7	1	.	3	5
+		7	.		6
	1	2		.	5

9)

		4		.	5
+	3	0	1	.	8
	1	1		8	.

10)

		1	.	3
+	7	5	.	
	1	2	.	2

11)

	7		.	4	
+		8	.	3	6
	1	1	5	.	8

12)

	9		7	.	1
+	6	5		.	5
	1		8	1	.

13)

	4	1	.	4
+	2		.	
+	5	2	.	7
		9	.	2

14)

	4	3	.	7	
+		7	.	0	6
+	6	2	.		0
	4		.	0	8

15)

	2	0	5	.	7
+	5		7	.	2
+	7	1		.	8
		6	5	.	

Read and answer each question:

During a normal day, there are **280** planes taking off from the airport, but the airport is a lot busier during Christmas. During the Christmas holidays, about **336** planes take off every day from the airport.

1. **During the Christmas holidays, the airport opens 12 hours during each day, how many planes take off from this airport in each hour?**

.....

2. **In average, each plane takes 240 passengers and 12 tons of cargo. How many passengers depart from the airport every hour during the Christmas holidays?**

.....

3. **Compared with a normal day, how many more passengers depart from the airport in a day during the Christmas holidays?**

.....

4. **During a normal day, there are 782 passengers in average that are late for their plane each day. However, during the Christmas holidays, there are 1,835 passengers that are late for their planes each day which caused delays of 14 planes. How many more passengers are late for their planes in each day during the Christmas holidays?**

.....

Read and answer each question:

Ashley is making cookies for her office's party.

1. **Each batch of cookie mix needs 0.4 cups of sugar, and each batch can make 16 cookies. If Ashley is making 4 batches of cookies, how much sugar does she need?**

.....

2. **Ashley found 2 boxes of sugar in the kitchen. The green box is 1.26 kg and the red box is 1.026 kg. Which box contains more sugar?**

.....

3. **Ashley measured 1.43 cups of sugar. How much more sugar does she need?**

.....

4. **She has 3 bags of flour. She has two smaller bags with 0.75 kg of flour each and a bigger bag which has 1.14 kg. How much flour does she have in total?**

.....

5. **After she finished making the cookies, Ashley had 0.945 kg of flour left. How much flour did she use?**

.....

6. **Each batch of cookies is 8.9 oz. What is the weight of 2.5 batches of cookies?**

.....

Multiply:

1) 52 x 35

2) 61 x 27

3) 28 x 56

4) 72 x 17

5) 57 x 35

6) 48 x 26

7) 93 x 14

8) 53 x 46

9) 82 x 35

10) 49 x 17

11) 64 x 47

12) 39 x 66

Divide these 3 digit numbers by a single digit.

1) $6\overline{)135}$ 2) $8\overline{)273}$ 3) $4\overline{)529}$

4) $9\overline{)456}$ 5) $7\overline{)307}$ 6) $3\overline{)985}$

7) $8\overline{)512}$ 8) $9\overline{)371}$ 9) $5\overline{)789}$

10) $7\overline{)478}$ 11) $3\overline{)674}$ 12) $9\overline{)702}$

1) $2\overline{)137.6}$

2) $3\overline{)578.4}$

3) $6\overline{)724.2}$

4) $5\overline{)218.5}$

5) $4\overline{)538.4}$

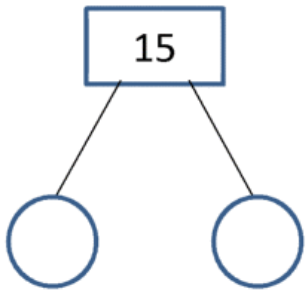
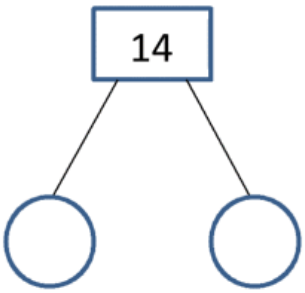
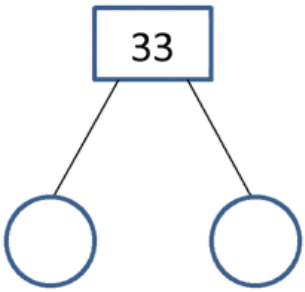
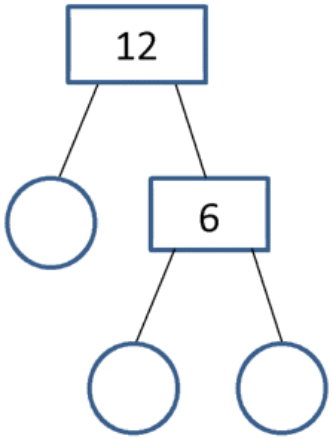
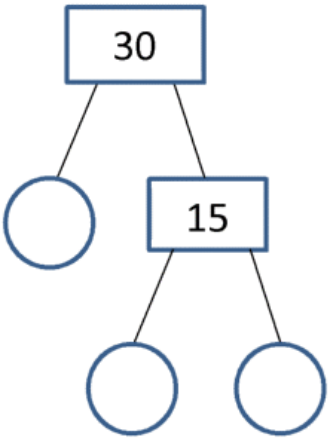
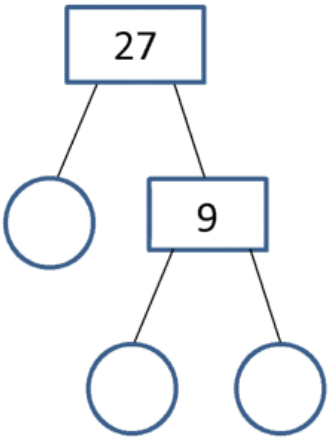
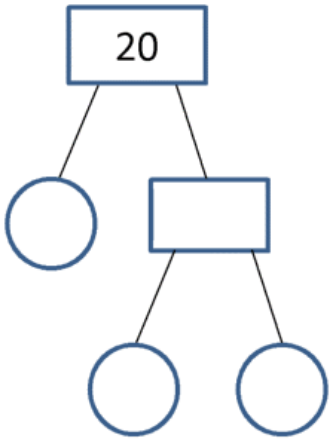
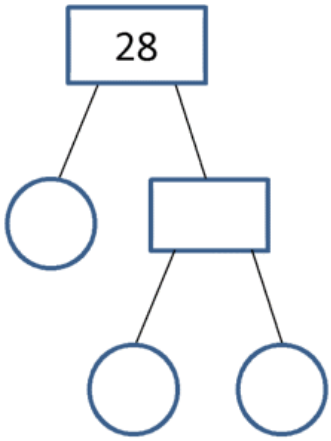
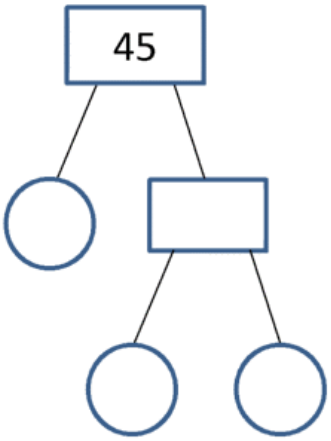
6) $3\overline{)843.6}$

7) $9\overline{)562.5}$

8) $6\overline{)267.3}$

9) $8\overline{)362.4}$

Fill in the missing numbers in these prime factor trees with prime factors in the circles. Then complete the prime factorization product underneath.

1)  15 = ___ x ___	2)  14 = ___ x ___	3)  33 = ___ x ___
4)  12 = ___ x ___ x ___	5)  30 = ___ x ___ x ___	6)  27 = ___ x ___ x ___
7)  20 = ___ x ___ x ___	8)  28 = ___ x ___ x ___	9)  45 = ___ x ___ x ___

1) Circle the numbers below which are multiples of 20:

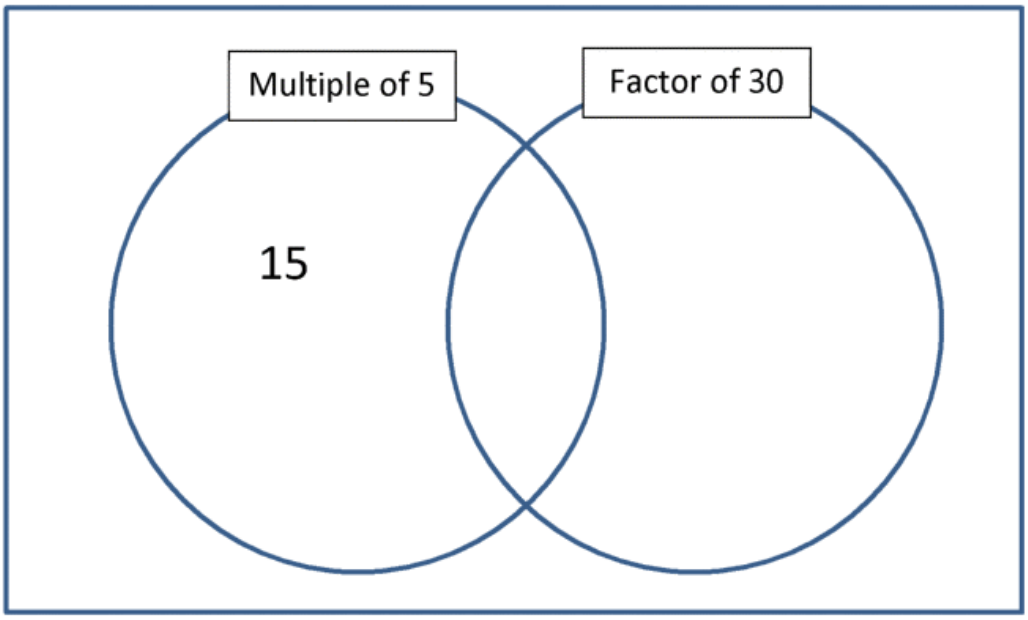
5 100 20 140 150 10

2) Circle the numbers below which are factors of 32:

1 12 8 2 96 16 64

3) Put the numbers in the correct place in the Venn diagram below.

1	10	35	12	2	~~15~~	3	60	5



3) Write another number in the venn diagram which is both a multiple of 5 and a factor of 30.

Use the clues to work out the correct number from the 8 possibilities.

CHALLENGE 1

- *I am not a prime number.*
- *One of my factors is 3.*
- *I am even.*
- *I am not a multiple of 4.*

Who am I? _____

A 10	B 12	C 20	D 15
E 17	F 25	G 6	H 3

CHALLENGE 2

- *I am less than 5 squared.*
- *I am a factor of 30.*
- *I am a multiple of 5.*
- *I am odd.*

Who am I? _____

Halve the numbers

444 =	264 =	856 =
486 =	476 =	904 =
428 =	664 =	294 =
476 =	364 =	298 =
456 =	254=	746 =

Double the numbers

5.18 =	4.5 =	9.61 =
2.7 =	8.4 =	8.18 =
4.3 =	3.9 =	6.07 =
5.54 =	6.2 =	9.5 =
1.28 =	0.7 =	49.3 =

BODMAS

Make sure you work out the operations in the right order!

1) $10 - 5 \times 2 =$

2) $20 \div 2 + 3 =$

3) $8 + 2 \times 7 =$

4) $5 - 6 \times 0 =$

5) $3 \times 9 - 7 =$

6) $5 \times 3 - 7 =$

7) $6 - 2 \times 5 =$

8) $24 \div 6 - 5 =$

9) $2 \times 3 \times 5 =$

10) $12 \div 4 \div 3 =$

11) $3 + 9 \times 4 =$

12) $12 - 5 \times 3 =$

13) $9 + 10 \div 2 =$

14) $5 \times 3 \div 2 =$

15) $14 - 9 \times 3 =$

16) $6 + 7 \times 5 =$

17) $6 \times 3 - 9 =$

18) $3 \times (4 + 2) =$

19) $(9 - 4) \times 3 =$

20) $4 \times 9 - 5 =$

21) $7 - 36 \div 3 =$

22) $14 + 8 \div 2 =$

23) $7 \times (9 - 3) =$

24) $12 \div 4 \times 6 =$

25) $(8 - 3) \times 5 =$

26) $4 \times (5 + 8) =$

27) $25 - 3 \times 9 =$

28) $14 \times 2 + 7 =$

29) $48 \div (2 \times 4) =$

30) $18 - 6 \times 5 =$

Multiplying decimals

0.6 x 3 = _____

0.2 x 9 = _____

3 x 0.7 = _____

4 x 0.8 = _____

7 x 0.6 = _____

5 x 0.9 = _____

4 x 0.4 = _____

6 x 0.8 = _____

0.9 x 7 = _____

0.8 x 8 = _____

0.5 x _____ = 3.5

_____ x 7 = 1.4

_____ x 3 = 1.8

0.4 x _____ = 1.2

0.7 x _____ = 5.6

_____ x 0.3 = 2.4

0.2 x _____ = 1.4

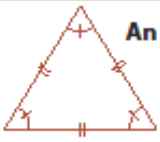
_____ x 8 = 4.0

_____ x 6 = 3.6

0.7 x _____ = 6.3

Math
Geometry

Identifying Triangles

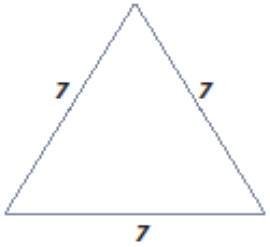


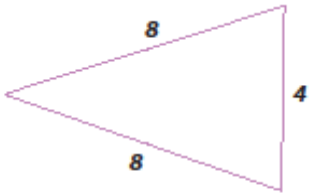
An equilateral triangle has: 3 equal sides.
3 equal angles (60 degrees).

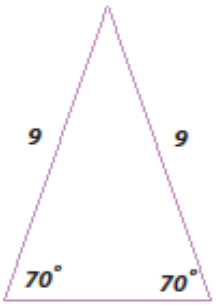
An isosceles triangle has: 2 equal sides and 1 different side.
2 equal angles and 1 different angle.

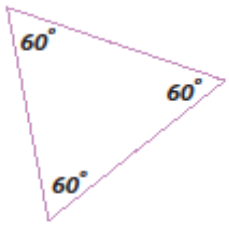
A scalene triangle has: 3 sides unequal in length.
3 unequal angles.

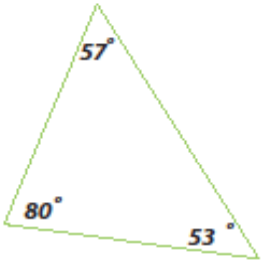
Look at the triangles below. Label each one as an equilateral, isosceles, or scalene triangle.



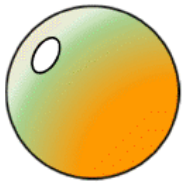
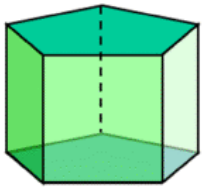
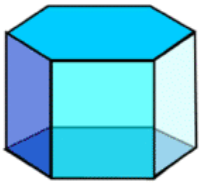
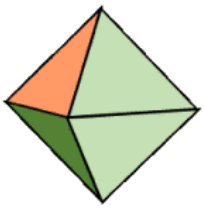
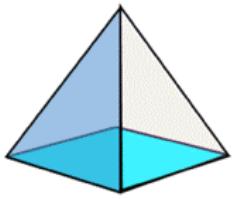
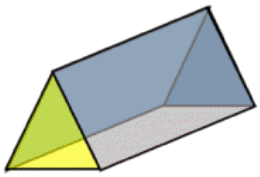
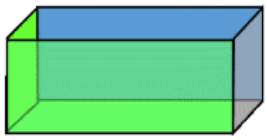
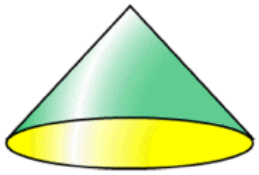
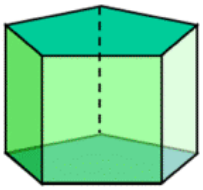
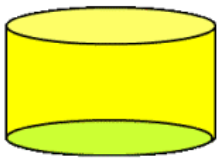
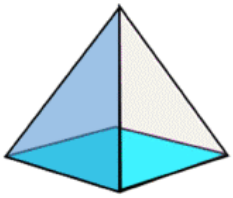
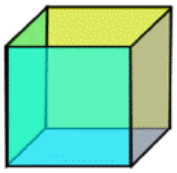
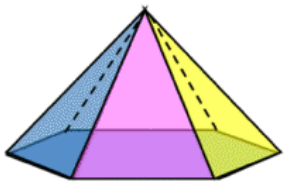
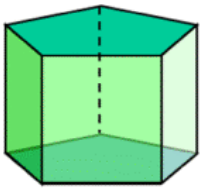




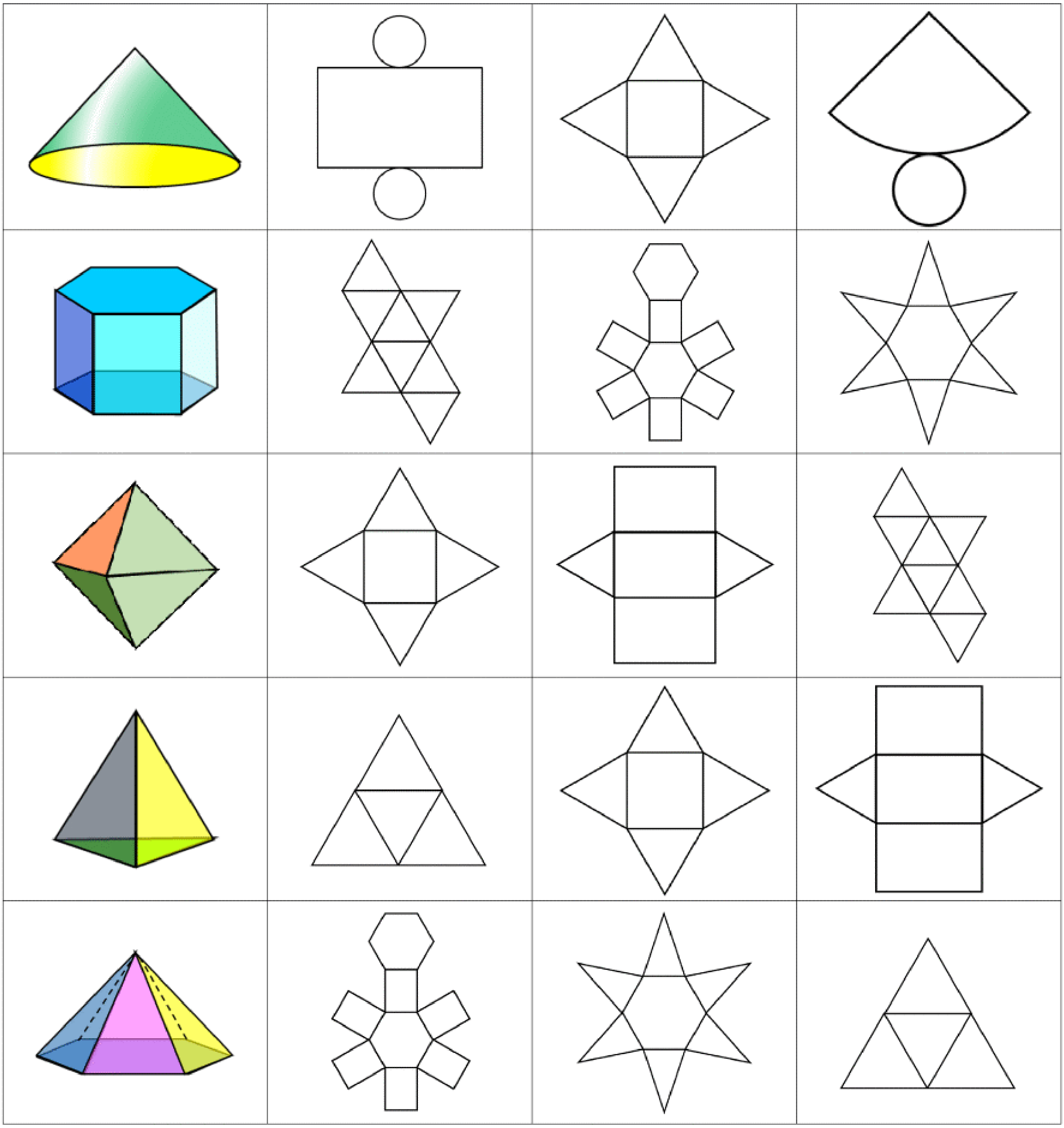


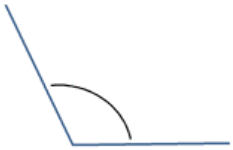
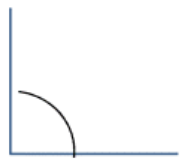
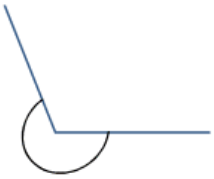


Find the correct shape from the 3 possibilities.

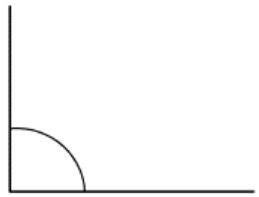
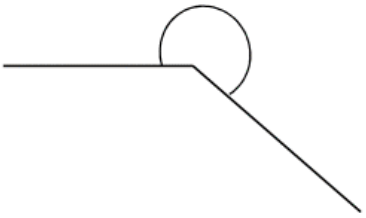
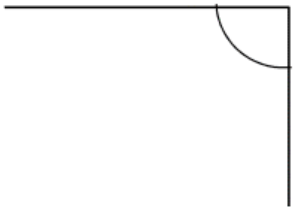
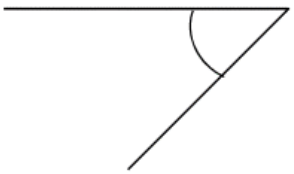
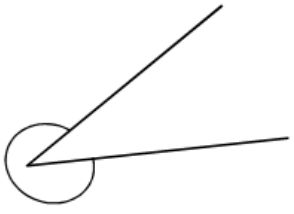
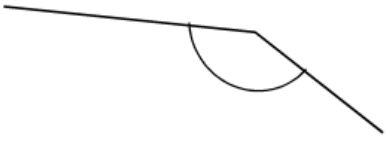
Faces: 8 Edges: 18 Vertices: 12			
Faces: 5 Edges: 8 Vertices: 5			
Faces: 6 Edges: 12 Vertices: 8			
Faces: 7 Edges: 15 Vertices: 10			
Faces: 7 Edges: 12 Vertices: 7			

For each 3d shape, shade the correct net.



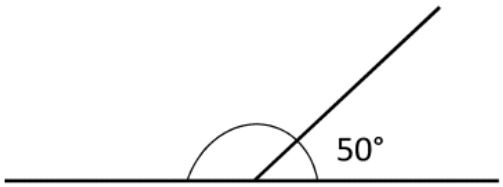
				
Acute < 90°	Obtuse > 90°	Right = 90°	Straight = 180°	Reflex >180°

For each angle, write down whether it is **right**, **acute**, **obtuse**, **reflex or straight**.

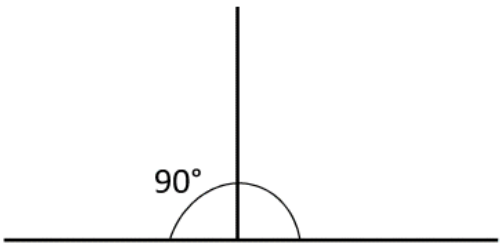
 Angle:	 Angle:	 Angle:
 Angle:	 Angle:	 Angle:
 Angle:	 Angle:	 Angle:

Work out the missing angles. Remember that the angle in a straight line is equal to 180°. The angles are not drawn to scale, so do not try to measure them!

1)

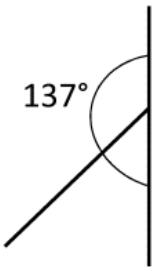


2)

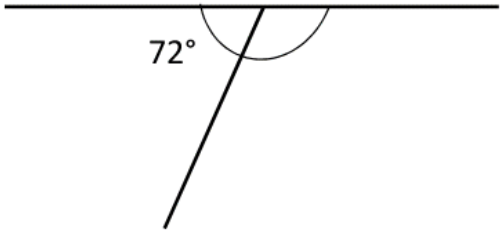


3)

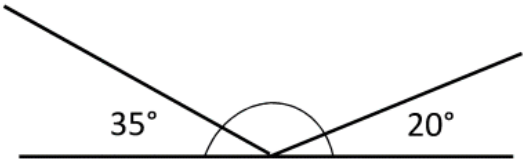
4)



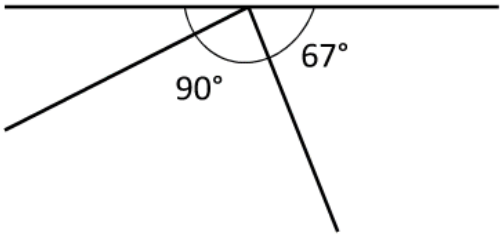
5)



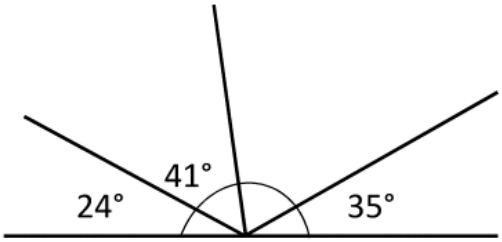
6)

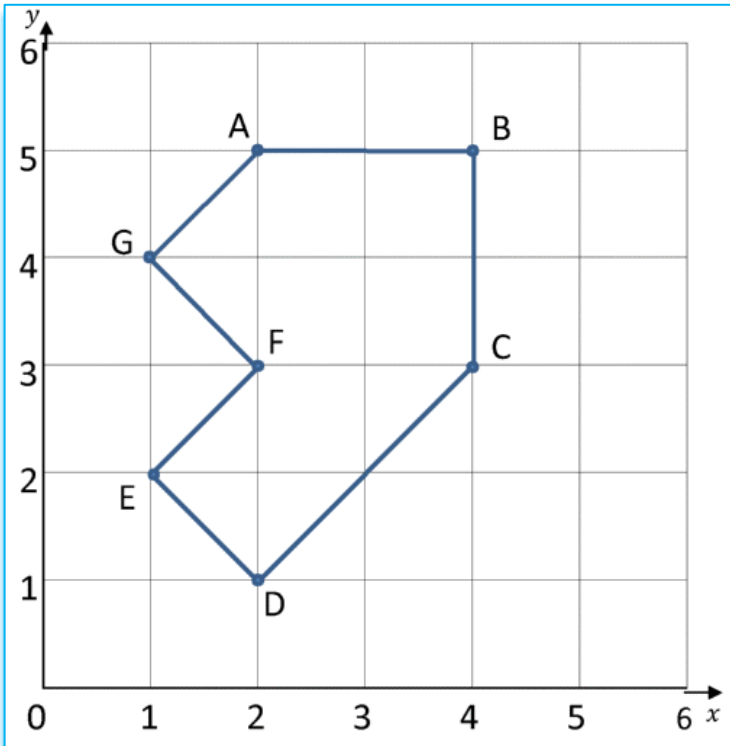


7)



8)





1) Write down the coordinates of the points on the first grid.

A (___, ___)

B (___, ___)

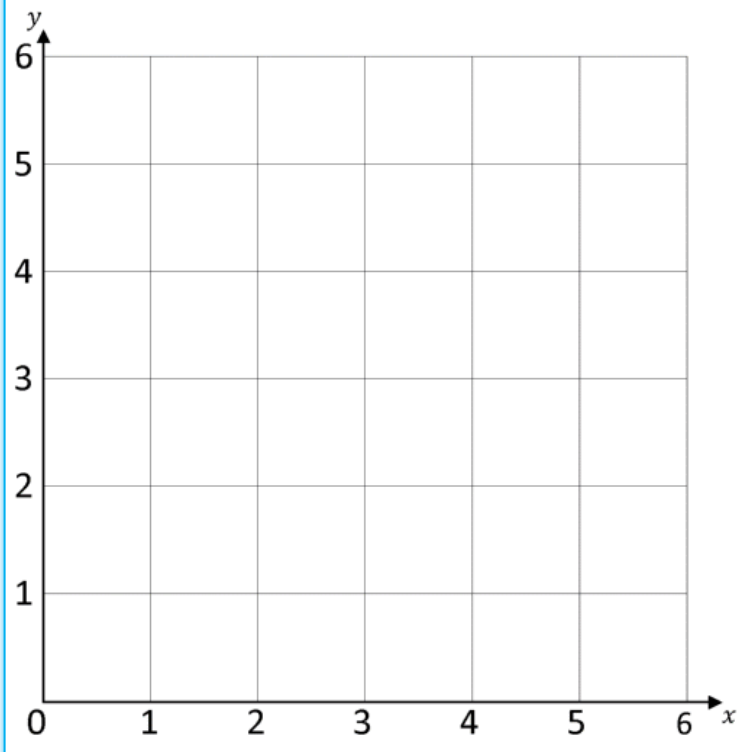
C (___, ___)

D (___, ___)

E (___, ___)

F (___, ___)

G (___, ___)



2) Plot these coordinates on this grid: (1,2) (2,4) (4,3)

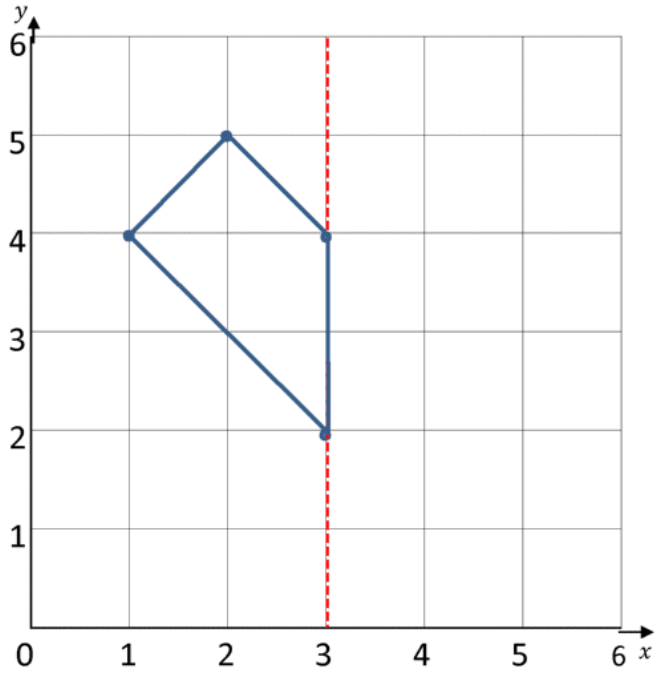
3) Plot the 4th point so that the four coordinates make a square.

What is the coordinate of the 4th point? (___, ___)

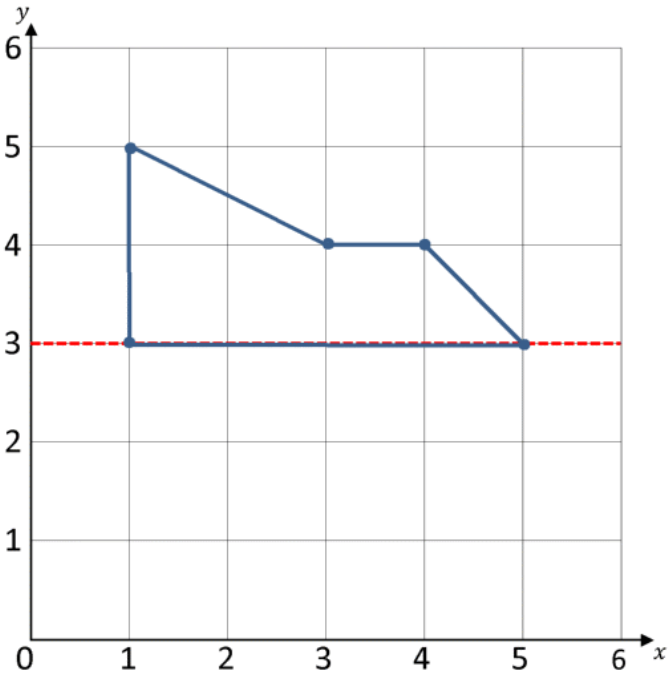
4) Plot another square that has no horizontal or vertical lines. What are the 4 coordinates?

(___, ___) (___, ___)

(___, ___) (___, ___)

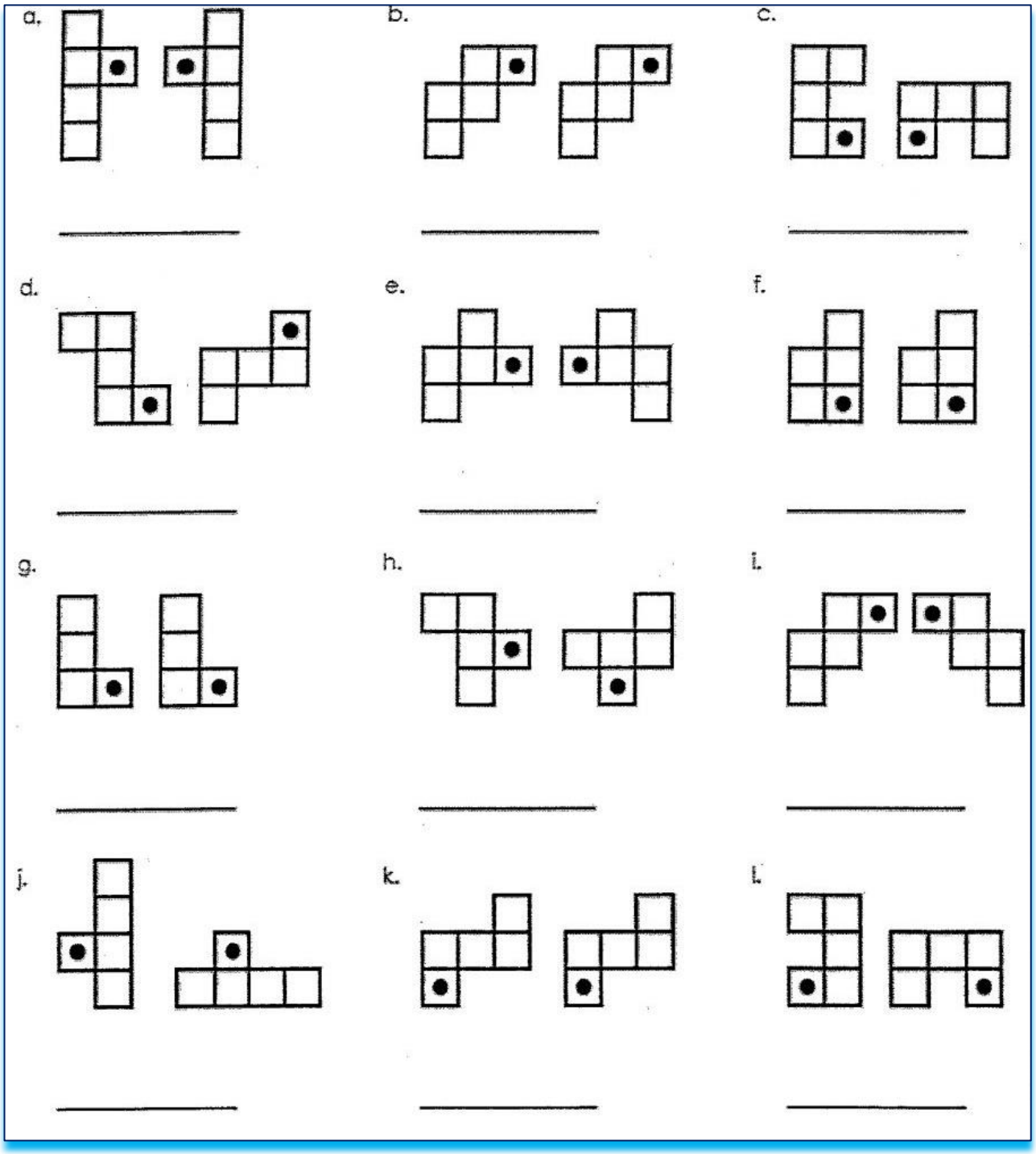


1) Reflect this shape in the mirror line and write down the new coordinates.



2) Reflect this shape in the mirror line and write down the new coordinates.

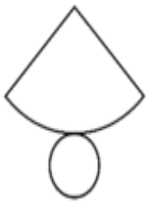
Reflection , Translation Or Rotation

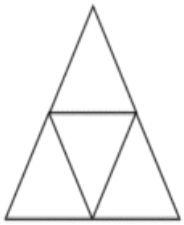
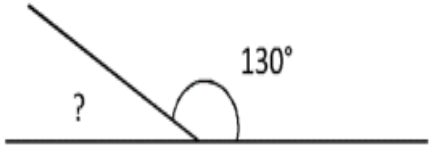


Convert to the units shown.

1. 494 L = _____ mL
2. 2.07 L = _____ mL
3. 7.3 L = _____ mL
4. 20.6 L = _____ mL
5. 97.6 L = _____ mL
6. 0.70 L = _____ mL
7. 8.3 L = _____ mL
8. 39.2 kg = _____ g
9. 935 kg = _____ g
10. 45.8 L = _____ mL
11. 1,667 mL = _____ L
12. 18,924 g = _____ kg
13. 39,523 g = _____ kg
14. 39,917 mm = _____ cm
15. 28,737 mL = _____ L
16. 3,234 mm = _____ cm
17. 18,941 g = _____ kg
18. 21,251 mm = _____ cm
19. 5,786 mL = _____ L
20. 38,464 mL = _____ L

$27 + 0.6 + 0.02$	
$360 \div 4$	
How many edges? 	
I have a litre bottle of cola. I drink 650ml. How much is left?	ml
Which two numbers have a sum of 15 and a product of 36?	
Which of these numbers is divisible by 3? **76 53 81 94 62**	
Write down all the factors of 33. ___ ___ ___ ___	
Which of these numbers is **not** a multiple of 3? 81 111 73 27 105	
In a throwing competition, Ahmed throws 615 cm, Jamal throws $4\frac{1}{2}$ m. How much further did Ahmed throw?	
I am divisible by 5 and also by 6, I am less than 50 but greater than 10. Who am I?	
At a wildlife center, adult entry is \$12 and child entry is \$8. I pay for 2 adults and 3 children with a \$50 bill. How much change?	

10 x (7+6) =	
1 – 0.92	
Find the value of $(x - 6)/3$ if $x = 21$.	
10 x 4 = 26 + ___	
2.5 - ……. = 1.8	
0.72 + ……. = 1	
What 3d shape is this the net for? 	
How many faces does a triangular prism have?	

Fill in the missing operations (+, -, x or ÷) to make this correct: 5 ☐ 6 ☐ 3 ☐ 2 = 8	
Halve 5.4 = ……	
What 3d shape does this net make? 	
What is the missing angle? 	

Please note: The answer key will be available after the students solve the question paper in the class.