



1. Use a written method to answer these questions:

a) 345×35

b) $7325 + 282$

c) $305 \div 7$

d) $508 - 349$

2. Write these numbers in figures

a) Eight hundred thousand and two hundred

b) 10 million

3. Robert rolls the dice and gets these scores.

8 2 6 4 5

What's his mean score? What's the range?

4. Order the following temperatures from lowest to highest

-5 20 2 0 -15 7

Lowest

Highest

5. a) Calculate $\frac{2}{3}$ of 246

b) Calculate $\frac{5}{6}$ of 252

6. Draw a line to match up the fraction, decimals and percentages.

0.2 25%

0.25 65%

0.65 20%

0.03 3%

7. The temperature in Swansea was 15°C . Today the temperature has dropped to -2°C . How many degrees has the temperature dropped by?

8. Write the value of the underlined digits:

a) 1,937,839

b) 908,782

c) 20,000,192

9. Write down all the factors of 60.

10. Write down 5 multiples of 7 between 50 and 100.

12. Find 35% of the following:

- £450
- £35
- £8

13. Which of the following are Prime numbers:

3 9 13 19 22 29

14. Which of the following are Square numbers:

1 4 5 8 16 49 81

15. If a square had a perimeter of 32cm, what would the area be?

16. Write this fraction in its simplest terms $\frac{26}{39}$

17. Circle two numbers with a difference of 8.

-5 -4 -3 -2 -1 0 1 2 3 4 5

18. The probability that it rains tomorrow is 0.15. What is the probability that it doesn't rain?

19. Can you convert 0.24 in to a fraction and a percentage?

This table shows the distances in **kilometres** between five towns.

	Birmingham	Cardiff	London	Manchester	Newcastle
Birmingham		179	188	127	334
Cardiff	179		269	278	489
London	188	269		298	441
Manchester	127	278	298		212
Newcastle	334	489	441	212	

Use the table to find the distance from **London** to **Manchester**.



km

21. Here is part of the morning train timetable from Perth to Midland in Australia.

Perth	07:11	07:20	07:27	07:35	07:43	07:55
Maylands	-	07:28	07:33	07:43	07:49	08:03
Ashfield	-	-	07:38	-	07:54	-
Success Hill	07:25	-	07:41	-	07:57	-
Midland	07:32	07:41	07:48	07:56	08:05	08:16

a. What time is the first train from **Maylands** that stops at **Success Hill**?



Maylands

:

b. Mr Evans is in Perth and wants to be in Midland by 08:00. What is the time of the latest train he can take from Perth?



Perth

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