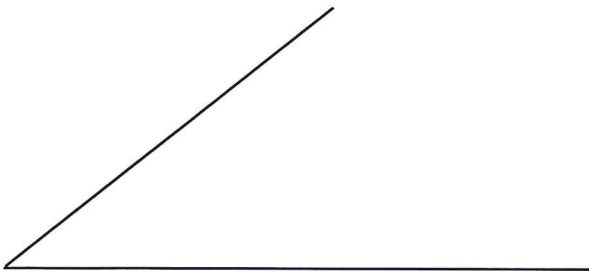
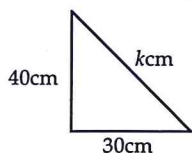


Quick Revision Sheet 4

1. Write down the factors of 15 E _____
2. Simplify $6a + 21b + 3a$ E _____
3. If $x = 49$, write down the value of \sqrt{x} E _____
4. Write down all the prime numbers between 8 and 14 E _____
5. A rectangle measuring 3cm by 5cm is enlarged by a scale factor of 4. Calculate the dimensions of the enlarged figure. D _____
6. Find 10% of \$40 E _____
7. The time in minutes to cook a chicken is given by the following formula: $T = 30 \times \text{weight in kg} + 25$.
How long in minutes is needed to cook a chicken weighing 4kg? E _____
8. Write 6.78 to 1 decimal place E _____
9. Expand the brackets $(t + 4)(t + 1)$ and simplify C _____
10. Solve the equation $3x - 4 = 20$ D _____
11. (i) Measure this angle. D _____
(ii) Construct the angle bisector



12. Calculate (i) $\sqrt{144}$ (ii) $\sqrt[3]{64}$ E _____
13. Match of the day starts at 22:30. It lasts for 1 hour and 10 minutes. What time will it end? E _____
14. Calculate the length of the side marked k : C _____



15. Joe cycles 126km in four and a half hours.

What is his average speed?

C _____

16. Simplify $p^4 \times p^5$

D _____

17. Simplify $\frac{q^5}{q^2}$

D _____

18. Work out $2\frac{1}{5} + 1\frac{1}{4}$.

Give your answer as a mixed fraction.

C _____

19. The sides of a triangle are $2p+1$, $p+4$ and $p-1$.

Write down a formula for the perimeter of the triangle in terms of p .

C _____

20. The table shows the Maths and Science test scores for a Y11 class.

Maths	30	62	38	88	55	78
Science	35	61	42	90	48	80

Draw a scatter diagram with the Maths results plotted on the horizontal axis. If a pupil did well at Maths, did they generally do well in Science?

C _____

