

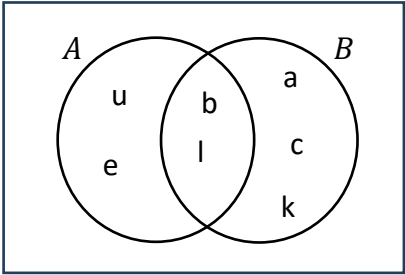
 MATHS TEACHER HUB
GCSE Foundation revision sheet - 8

1. Estimate.

$$\sqrt{65}$$

.....

2. List the values of A'



.....

3. Convert 4.5kg to grams

.....

4. The ratio of girls to boys in a choir is 4:3

What fraction of the choir are girls?

.....

5. Make x the subject.

$$e = x^2 - 4$$

.....

6. $a = \begin{pmatrix} 3 \\ -1 \end{pmatrix}$ $b = \begin{pmatrix} 5 \\ -2 \end{pmatrix}$

Work out $3a - b$

.....

7. Write 420 as a product of its prime factors.

.....

8. The number 340 has been rounded to the nearest ten.

Complete the error interval.

$$\leq x <$$

.....

9. Work out the reciprocal of $\frac{2}{5}$

Give your answer as a decimal

.....

10. 3 taps can fill a swimming pool in 12 hours.

How long would it take 4 taps to fill the pool?

.....

11. A fair coin is flipped 3 times.
Work out the probability that the coin will land on 3 tails.

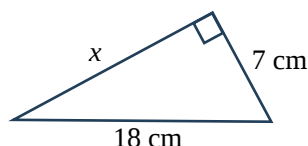
.....

12. 2kg of sand and 2 kg of cement cost £21.20
5kg of sand costs £17.

How much does 1kg of cement cost?

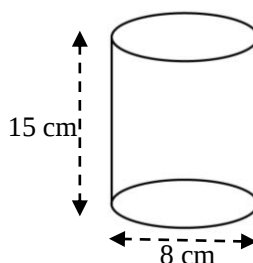
.....

13. Work out the value of x .



.....

14. Work out the volume of the cylinder.



.....

15. The mean height of 5 girls is 165cm.
The mean height of 6 boys is 172cm

Work out the mean of all the children.

.....

16. The price of a house has risen from £250,000 to £270,000.

What percentage has the house risen by?

.....