

YEAR 11 Mock Preparation : UNIT 2 : 3

Solve these equations

1) $x + 6 = 9$

2) $3x = 12$

3) $2x + 1 = 7$

4) $5x - 2 = 13$

5) $4x + 1 = 8$

Give your answer to 1 decimal place

Put these times in ascending order

6) $6 \cdot 4$ hours, 380 mins, $\frac{1}{4}$ of a day, 6 hours 22 mins, $6\frac{1}{4}$ hours

7) $3\frac{3}{4}$ hours, 3 hours 40 min, 3.7 hours, $\frac{1}{6}$ of a day, 221 mins

Put these distances in order of size, smallest first

8) 3.5 km, 3 km 420 m, 3610 m, $3\frac{2}{5}$ km, 3 km

9) 3000 cm, 20 m, 29 m 75 cm, 40,000 mm, 0.02 km

TRUE OR FALSE

10) 5 miles is about 8 km

11) 11 miles is more than 16 km

12) 4 litres is less than 500 cm^3

13) 1 litre is about $1\frac{3}{4}$ pints

14) 1 litre is less than 1.75 pints

15) A kilogram is more than 2 lb

16) 80 000 mL is 8 litres

17) 2.4 mins is more than 2 min 20 secs

18) 3 hours 48 mins is less than 3.8 hours