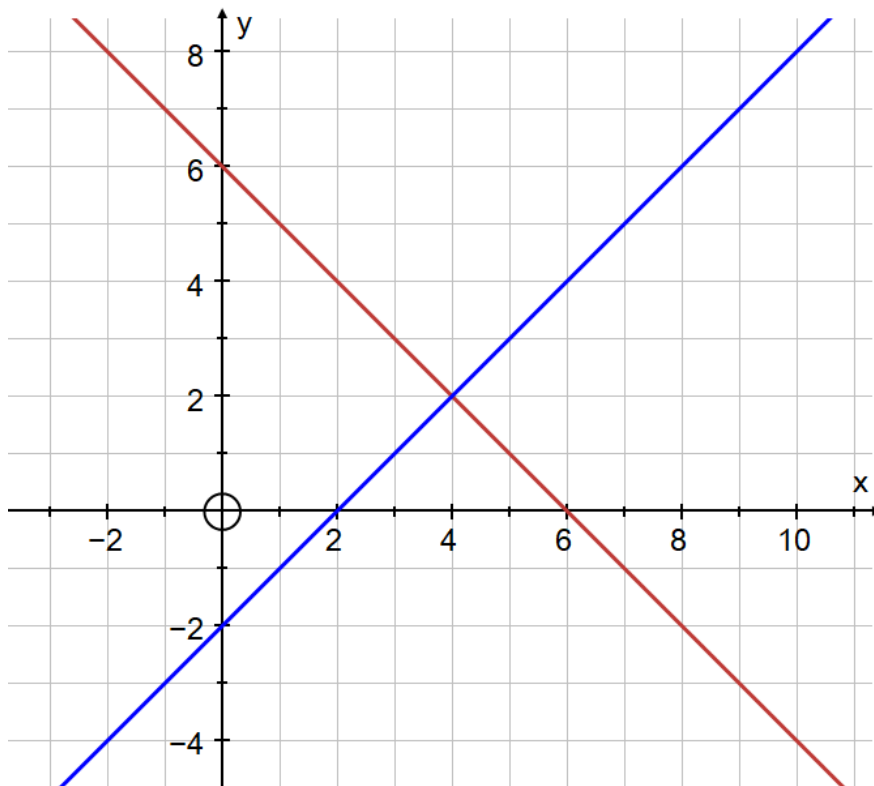


## Interleaf 12

- 1) Evaluate  $450 \div 0.03$
- 2) Write 280 as a product of prime factors in index form
- 3) Find the equations of the lines shown below



- 4) Place the following in ascending order

$$62\% \quad 0.05 \div 0.2 \quad -4.5 \quad (-5)^2 \quad \frac{2}{3}$$

- 5) Write down the first eight multiples of 12

- 6) Evaluate  $\frac{4}{5} \div \frac{7}{10}$

- 7) Solve for  $x$   $5x + 18 = 3$

- 8) Evaluate  $8 \div 2\frac{2}{5}$

- 9) Evaluate  $5 \times 3^2 - 4 \times -6$

- 10) Factorise fully  $3x^2 + 15x^3$

Answers 1) 15000 2)  $2^3 \times 5 \times 7$  3)  $x + y = 6$  and  $y = x - 2$  4)  $-4.5, 0.05 \div 0.2, 62\%, \frac{2}{3}, (-5)^2$

5) 12, 24, 36, 48, 60, 72, 84, 96 6)  $1\frac{1}{7}$  7)  $-3$  8)  $3\frac{1}{3}$  9) 69 10)  $3x^2(1 + 5x)$