

FAA6.1



1) Work out  $(6 \times 10^6) \div (3 \times 10^2)$

2) Factorise  $x^2 - 16$

3) Find the equation of the straight line passing through the points (0,3) and (2,9)

4) If it takes 3 workers 6 hours to complete a task, how many hours would it take 4 workers?

5) Work out  $0.8 \div 0.02$





FAA6.4



- 1) Work out  $\frac{0.03 \times 1.2}{0.02}$
  
- 2) **Truncate** 17.352 correct to 1 decimal place
  
- 3) Work out  $2\frac{1}{3} + 2\frac{4}{5}$
  
- 4) State the exact value of  $\tan 30^\circ$
  
- 5) Solve simultaneously  $3x + 3y = 24$  and  $x + 2y = 11$



FAA6.6



- 1) Work out  $\frac{0.4 \times 0.05}{0.04}$
  
- 2) **Truncate** 36.295 correct to 1 decimal place
  
- 3) Work out  $2\frac{2}{9} + 3\frac{5}{6}$
  
- 4) State the exact value of  $\tan 45^\circ$
  
- 5) Solve simultaneously  $3x + 4y = 11$  and  $x + 5y = 22$