

## Interleaf 6

- 1) Expand and simplify  $(2x - 1)(x + 5)$
- 2) In the last 9 years my house has increased in value by 24%. If it is now worth £234360, how much was it worth 9 years ago?
- 3) Find the LCM of 3200 and 960
- 4) Calculate  $-3 \div -0.02$
- 5) 8 workers clean a warehouse in 6 days. How long would it take 3 workers?
- 6) Solve for  $x$ :  
$$3(2x - 1) = 5 - 4x$$
- 7) Make  $x$  the subject of the following formula:  
$$5y = 3x - t$$
- 8) Round 34828 to 3sf.

## Answers

- 1)  $2x^2 + 9x - 5$  2) £189000 3) 9600 4) 600 5) 16 days 6)  $\frac{4}{5}$  7)  $\frac{5y+t}{3}$  8) 34800