

Interleaf 4

- 1) Find the surface area of a cuboid that measures 4cm by 3cm by 8cm
- 2) Calculate $0.000024 \div 0.008$
- 3) In a year group the ratio of girls to boys is 4:5.
If there are 68 girls, how many boys are there?
- 4) A 4m long ladder rests against a wall with the foot of the ladder 0.7m away from the foot of the wall.
Can it reach a window 3.9m off the floor?
- 5) Which is better value for money:
A: 2 litres of orange juice for £2.50
B: 0.7 litres of orange juice for £1.05
- 6) Round 0.00040568 to 3sf
- 7) Write down the name of the polygon with 10 sides
- 8) Planes arrive on runway 1 every 210 seconds and on runway 2 every 180 seconds.
2 planes have just landed simultaneously on both runways at 13:20.
At what time will this happen again?

Answers

- 1) 136cm^2 2) 0.003 3) 85 4) yes, reaches 3.94m 5) A 6) 0.000406 7) decagon 8) 13:41