

Practice questions in different contexts answers

1. 3 metres of copper pipe costs £22. How much will 60 metres cost?

Length of pipe (m)	3	30			60
Cost (£)	22	220			440

2. A photocopier can produce 25 copies in 30 seconds. How long will it take to make 150 copies?

Copies	25	50	100		150
Time (sec)	30	60	120		180

3. A nursery needs 4 staff to care for 16 children. How many staff will be needed to care for 40 children?

No. of children	16	32	8		40
No. of staff	4	8	2		10

4. Sarah likes to keep fit by running. She can cover 4 km in 25 min. She thinks she can do a 10 km run in less than an hour. Is she right?

Distance (km)	4	8	2		10
Time (min)	25	50	12.5		62.5

No, it would take her 1 hour 2.5 minutes.