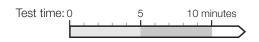
Test A: Mixed



Which pattern on the right completes the second pair in the same way as the first pair? Underline the correct answer.











C





2







b



C







a



b





d

d



Polly takes 20 minutes to wash her car. She uses five buckets of water and each bucket holds 8 litres of water.

How long would it take Polly to wash two cars? Underline the correct answer.



- **a** 10 minutes **b** 15 minutes **c** 20 minutes **d** 30 minutes **e** 40 minutes

- How many litres of water would Polly use to wash two cars? Underline the correct answer.



- **a** 8
- **b** 10
- **c** 16
- **d** 40
- **e** 80
- If Polly uses 400 litres of water, how many cars does she wash? Underline the correct answer.



- **a** 5
- **b** 10
- **c** 20
- **d** 40
- **e** 80

This chart shows the types of activity that some children enjoy. Use it to answer the following questions.

| | Swimming | Tennis | Judo | Dancing |
|-------|----------|--------|------|----------|
| Sam | ✓ | ✓ | | ✓ |
| Tomak | ✓ | | 1 | |
| Chris | | ✓ | | 1 |
| Nick | | | 1 | 1 |
| Kata | ✓ | | | ✓ |

| | 7 | Who enjoys | the most | activities? | Underline | the correct | answer. |
|--|---|------------|----------|-------------|-----------|-------------|---------|
|--|---|------------|----------|-------------|-----------|-------------|---------|

- **a** Sam
- **b** Tomak
- **c** Chris
- **d** Nick
- **e** Kata

Which activity is most popular? Underline the correct answer.

- **a** Swimming
- **b** Tennis
- **c** Judo
- **d** Dancing

Who enjoys swimming and judo? Underline the correct answer.

- **a** Sam
- **b** Tomak
- **c** Chris
- **d** Nick
- e Kata

Which two children enjoy tennis and dancing? Underline **TWO** answers.

- **a** Sam
- **b** Tomak
- **c** Chris
- **d** Nick
- e Kata

Continue these sequences.



11 500 450

400

350

300

12 24

18

12

6

0

13

18

36

54

72

90

Answers

Test A: Mixed

- 1 c The white shape becomes lined.
- 2 a The black shape becomes white.
- 3 c The white shape becomes grey.
- **4** e 20 minutes \times 2 = 40 minutes
- **5** e 5 buckets \times 8 litres \times 2 cars = 80 litres
- **6 b** 5 buckets × 8 litres = 40 litres, 400 litres ÷ 40 litres/car = 10 cars

7 a

8 d

9 b

10 a and c

11 250, 200 (– 50)

12 -6, -12 (-6)

13 108, 126 (+ 18)