



Test A: Mixed

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

3

- 1** is to as is to
- a** **b** **c** **d** **e**
- 2** is to as is to
- a** **b** **c** **d** **e**
- 3** is to as is to
- a** **b** **c** **d** **e**

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

- 4** 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
- 5** 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
- 6** 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

1

1

1

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

	Swimming	Tennis	Judo	Dancing
Sam	✓	✓		✓
Tomak	✓		✓	
Chris		✓		✓
Nick			✓	✓
Kata	✓			✓

- 7 Who enjoys the most activities? Underline the correct answer. 1
- a Sam b Tomak c Chris d Nick e Kata
- 8 Which activity is most popular? Underline the correct answer. 1
- a Swimming b Tennis c Judo d Dancing
- 9 Who enjoys swimming and judo? Underline the correct answer. 1
- a Sam b Tomak c Chris d Nick e Kata
- 10 Which two children enjoy tennis and dancing? Underline **TWO** answers. 1
- a Sam b Tomak c Chris d Nick e Kata

Continue these sequences. 6

11 500 450 400 350 300 _____

12 24 18 12 6 0 _____

13 18 36 54 72 90 _____

Answers

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- 1 c The white shape becomes lined.
- 2 a The black shape becomes white.
- 3 c The white shape becomes grey.
- 4 e $20 \text{ minutes} \times 2 = 40 \text{ minutes}$
- 5 e $5 \text{ buckets} \times 8 \text{ litres} \times 2 \text{ cars} = 80 \text{ litres}$
- 6 b $5 \text{ buckets} \times 8 \text{ litres} = 40 \text{ litres}$,
 $400 \text{ litres} \div 40 \text{ litres/car} = 10 \text{ cars}$
- 7 a 8 d 9 b
- 10 a and c
- 11 250, 200 (– 50)
- 12 –6, –12 (– 6) 13 108, 126 (+ 18)