

## Test 5

1. Chocolate bars come in packs of 3,7 and 18. Person A only ever buys packs of 3; person B only ever buys packs 7 and person C only ever buys packs of 18. One day they realise that they have bought exactly the same number of individual chocolate bars. How many did they each buy?
A. 208
B. 164
C. 126
D. 84
E. 265
2. Which of the following pairs of words are NOT antonyms?
A. energised, fatigued
B. dilapidated, contemporary
C. placid, temperamental
D. succumb, resist
E. conventional, unorthodox
3. A boarderless blue square with sides of 12 cm is placed on top of boarderless green square with sides of 15 cm so the sides of both squares do not touch or overlap. What is the total area of green you can see?
A. $40.5 \mathrm{~cm}^{2}$
B. $60.5 \mathrm{~cm}^{2}$
C. $72 \mathrm{~cm}^{2}$
D. $81 \mathrm{~cm}^{2}$
E. $100 \mathrm{~cm}^{2}$
4. Which of these words is a synonym of the word 'abundance'?
A. placate
B. extrovert
C. controversy
D. curb
E. plethora
5. What are the factors of $\mathbf{1 2 8}$ ?
A. 1, 2, 6, 8, 32, 64, 128
B. 1, 2, 3, 8, 32, 42, 64, 128
C. $1,2,4,6,8,16,64,128$
D. 1, 2, 4, 8, 16, 32, 64128
E. $1,2,8,16,32,64,128$
6. If one yard is equivalent to 0.9144 metres, how many metres are approximately equivalent to 81 yards?
A. 84 m
B. 74 m
C. 68 m
D. 78 m
E. 88 m
7. A car travels at a constant 30 mph for a $\mathbf{1 0}$ minutes. It then travels at a constant 40mph for 6 minutes. How far does the car travel altogether?
A. 7 miles
B. 8 miles
C. 12 miles
D. 9 miles
E. 10 miles
8. Which word can't be used to complete this sentence?

She $\qquad$ that it would rain and took an umbrella with her.
A. predicted
B. guessed
C. anticipated
D. knew
E. estimated
9. Which of these words is most unlike the other four?
A. hinder
B. hamper
C. thwart
D. hasten
E. impede
10. The ratio of pigeons to squirrels to dogs in a park is 2:3:8 respectively. If there are 30 pigeons and squirrels combined, how many dogs are there?
A. 49
B. 52
C. 48
D. 47
E. 46

## Answers

1. C. 126
2. B. dilapidated, contemporary
3. D. $81 \mathrm{~cm}^{2}$
4. E. plethora
5. D. 1, 2, 4, 8, 16, 32, 64128
6. B. 74 m
7. D. 9 miles
8. E. estimated
9. D. hasten
10. C. 48

If you need help with any of these questions, take a look at the Facebook group. Find the specific question and read the comments or ask if you're still not sure.

Random 11+ Questions Facebook Group
www.facebook.com/groups/831192307239353/

