

# GREATEST COMMON FACTOR

## SKILLS QUESTIONS

Q1. For each pair of strips:

- Write all the factors in order.
- Colour the common factors.
- Write the greatest/highest common factor.

(a)

18										
----	--	--	--	--	--	--	--	--	--	--

60										
----	--	--	--	--	--	--	--	--	--	--

The greatest common factor of 18 and 60 is \_\_\_\_\_

(b)

84										
----	--	--	--	--	--	--	--	--	--	--

10										
----	--	--	--	--	--	--	--	--	--	--

The greatest common factor of 84 and 10 is \_\_\_\_\_

(c)

48										
----	--	--	--	--	--	--	--	--	--	--

15										
----	--	--	--	--	--	--	--	--	--	--

The greatest common factor of 48 and 15 is \_\_\_\_\_

Q2. Predict the greatest common factor for each of these pairs.

- (a) The greatest common factor of 6 and 9 is \_\_\_\_\_
- (b) The greatest common factor of 32 and 12 is \_\_\_\_\_
- (c) The greatest common factor of 12 and 20 is \_\_\_\_\_
- (d) The greatest common factor of 45 and 18 is \_\_\_\_\_
- (e) The greatest common factor of 60 and 12 is \_\_\_\_\_

# ANSWERS

Q1. (a) 6

(b) 2

(c) 3

Q2. (a) 3

(b) 4

(c) 4

(d) 9

(e) 12