

# HOW CAN YOU TELL IF A SHARK LIKES YOU?

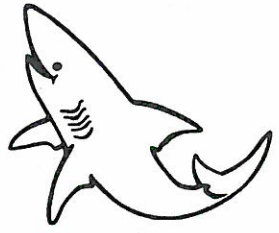
Find the greatest common factor (GCF) for each pair of numbers. Write the letter next to the answer in the box containing the exercise number. If the answer has a , shade in the box instead of writing a letter in it.

KEY

- Answers 1 - 7:
- 1 GCF of 14 and 21  7  S
  - 2 GCF of 10 and 12  2  E
  - 3 GCF of 15 and 25  5  A
  - 4 GCF of 6 and 15  3  I
  - 5 GCF of 36 and 27  9  M
  - 6 GCF of 22 and 33  11  T
  - 7 GCF of 60 and 20  20  E

- Answers 8 - 14:
- 8 GCF of 12 and 9  3  O
  - 9 GCF of 24 and 16  8  H
  - 10 GCF of 45 and 20  5  M
  - 11 GCF of 12 and 42  6  E
  - 12 GCF of 30 and 50  10  A
  - 13 GCF of 36 and 12  12  L
  - 14 GCF of 100 and 250  50  T

- Answers 15 - 21:
- 15 GCF of 24 and 30  6  E
  - 16 GCF of 8 and 15  1  M
  - 17 GCF of 28 and 12  4  N
  - 18 GCF of 18 and 40  2  T
  - 19 GCF of 64 and 16  16  K
  - 20 GCF of 30 and 75  15  H
  - 21 GCF of 180 and 54  18  B



9	15	5	14	12	19	7	1	16	3	17	8	6	20	2	13	10	21	4	18	11	
H	E	M	T	A	K	E	S	M	A	N	O	T	H	E	R	M	B	T	T	E	

# Why Did Igor Spend 10 Years Studying Geology?

Find the least common multiple (LCM) for each pair of numbers. Look for your answer in the set of boxes under the exercise. Write the letter of the exercise in the box containing the answer.



- T LCM of 3 and 5  B LCM of 7 and 21  21
- E LCM of 4 and 6  W LCM of 10 and 70  70
- A LCM of 2 and 9  D LCM of 5 and 2  10
- O LCM of 10 and 4  E LCM of 15 and 9  45
- H LCM of 9 and 12  T LCM of 11 and 8  88
- E LCM of 6 and 5  N LCM of 12 and 20  60

36	45	72	70	18	60	15	30	10	180	88	20	90	21	12
H	E		W	A	N	T	E	D		T	O		B	E

- S LCM of 8 and 6  B LCM of 10 and 6  30
- A LCM of 15 and 25  R LCM of 7 and 8  56
- O LCM of 4 and 8  G LCM of 25 and 10  50
- I LCM of 6 and 9  C LCM of 45 and 15  45
- K LCM of 8 and 10  R LCM of 30 and 40  120
- A LCM of 9 and 4  T LCM of 24 and 9  72

75	180	30	18	50	48	120	8	45	40	150	24	72	36	56
A		B	I	G		R	O	C	K		S	T	A	R