

Factors and Multiples

1 Is this a prime or a composite number?

75

A

Composite

B

Prime

2 Is this a prime or a composite number?

43

A

Prime

B

Composite

3 Find the greatest common factor of these numbers

2, 12

A

10

B

9

C

2

D

14

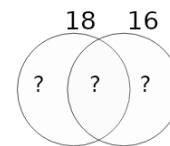
E

1

F

12

4 Use the factor diagram to find the greatest common factor of these numbers.



A

2

B

10

C

6

D

9

E

5

F

7

5 Find the lowest common multiple of these numbers

3, 7

A

21

B

17

C

83

D

18

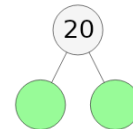
E

144

F

101

6 Which is a valid factor pair for 20



A

20

2

10

B

20

2

11

7 What shape would have this area?

$$A = 96\text{in}^2$$

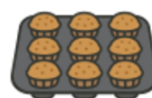
A

Rectangle
width : 12in
height : 8in

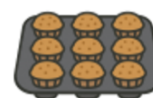
B

Rectangle
width : 11in
height : 9in

8 Skip count by 9, to find how many muffins in total on 2 trays?



9



?

A

16

B

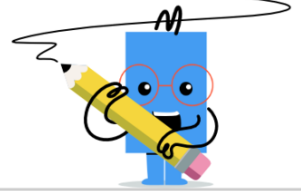
22

C

21

D

18



Factors and Multiples

9 Is this number even or odd

1

A

Odd

B

Even

10 Is 50 a number that has a last digit that is 0

A

Yes

B

No

11 Can 20,380 be divided by 10

20,380



10

A

Yes

B

No

12 Can 132 be divided by 8

132



8

A

Yes

B

No

13 Is 445 a number that has digits that add up to a number divisible by 9

A

Yes

B

No

14 Can 97 be divided by 3

97



3

A

Yes

B

No