

18.11.20

L.O: To identify common factors.

1) List the factors of 36

2) Which number is not a factor of 14?

1 4 7 14

3) What fraction of the multiples of 7 are odd?

Less than half Half More than half

4) 64 ____ 48 ____ 32

1) List the factors of 36

1, 2, 3, 4, 6, 9, 12, 18, 36

2) Which number is not a factor of 14?

1

4

7

14

3) What fraction of the multiples of 7 are odd?

Less than half

Half

More than half

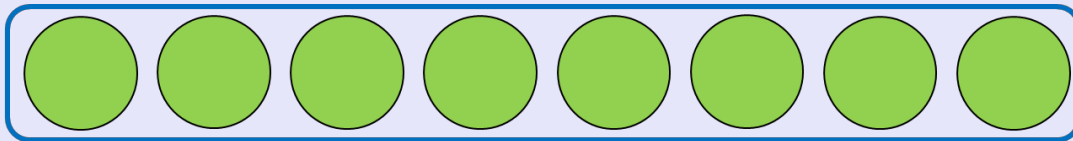
4) 64

56

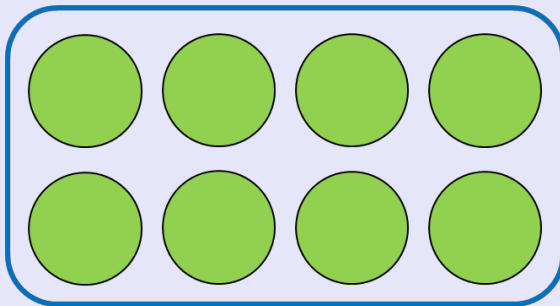
48

40

32



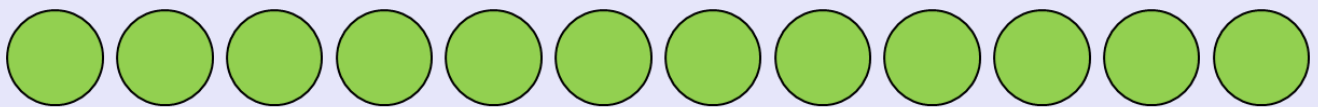
1 row of 8 is equal to 8



1 and 8 are
factors of 8

2 rows of 4 are equal to 8 2 and 4 are factors of 8

The factors of 8 are: 1, 2, 4 and 8



The factors of 12 are: _____

The factors of 8 are: _____

1, 2 and 4 are common factors of 12 and 8

Whitney and Dexter both have dark hair.
They have dark hair in common.

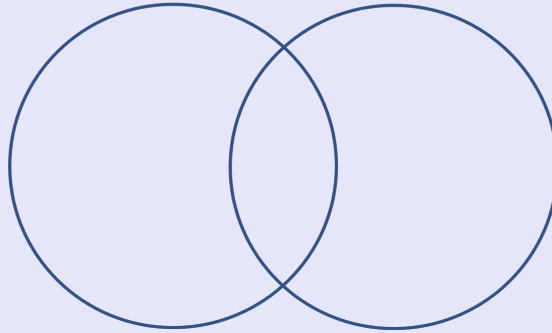
I do

List all the factors of 15: _____

List all the factors of 25: _____

Factors of 15

Factors of 25

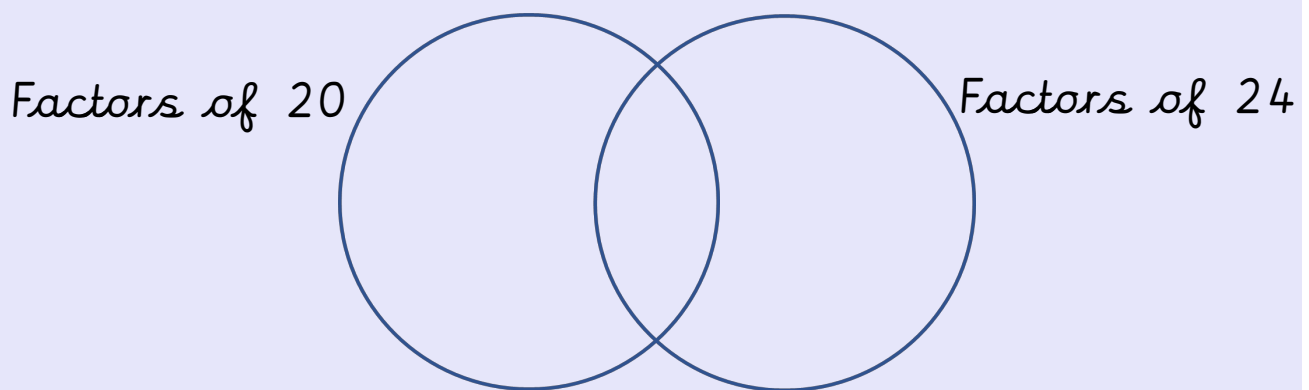


The common factors of 15 and 25 are _____

We do

List all the factors of 20: _____

List all the factors of 24: _____



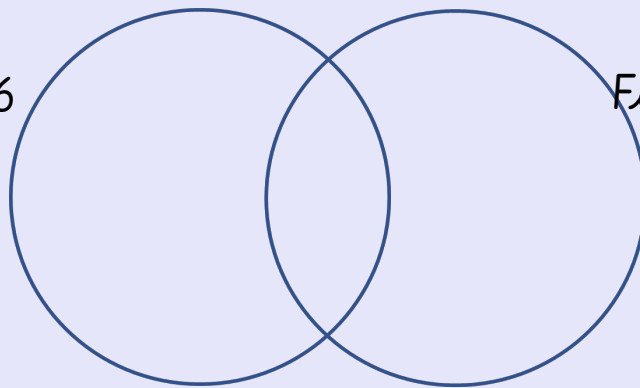
The common factors of 20 and 24 are _____

You do

List all the factors of 36: _____

List all the factors of 45: _____

Factors of 36



Factors of 45

The common factors of 36 and 45 are _____

You do

Question 1: (a) List all the factors of 10
(b) List all the factors of 15
(c) Write down all the common factors of 10 and 15.

Question 2: (a) List all the factors of 12
(b) List all the factors of 18
(c) Write down all the common factors of 12 and 18.

Question 3: Write down all the common factors of each of these pairs of numbers.

(a) 6 and 8 (b) 15 and 20 (c) 9 and 15 (d) 7 and 14

Martin says that 6 is a common factor of 42, 36 and 50.
Is he correct?



All the factors
of 36 are common factors
of 36 and 72

Do you agree with Mo?

Explain your reasoning.

Why do you think this happens?

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Complete the calculations.

a) $45 \times 10 = \boxed{}$

e) $10 \times \boxed{} = 140$

b) $36 \times 10 = \boxed{}$

f) $\boxed{} = 40 \times 10$

c) $\boxed{} = 10 \times 78$

g) $32 \times 10 = 10 \times \boxed{}$

d) $31 \times \boxed{} = 310$

h) $670 = 2 \times 5 \times \boxed{}$

You do

Eva walks 60 m to school.

Teddy walks 10 times as far as Eva to school.

How far does Teddy walk to school?

Teddy walks m to school.

We do

Amir thinks of a 2-digit number.

He multiplies it by 10



My answer is
between 755
and 795

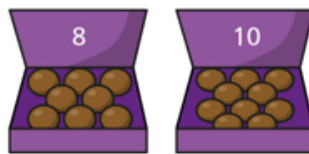
Write all the numbers Amir could be thinking of.

Complete 'You Do' Tasks.

Let's re-group!

15

Chocolates come in boxes of 8 and 10



Rosie needs to buy 80 chocolates.

a) What boxes could Rosie buy?

b) What is the fewest number of boxes Rosie needs to buy?

