Number frame number bonds ★ ★ ★

The total is 10. The second number is 4 more than the first number. Complete the number bonds below.

_____ + __7__ = __10__

_____ + _____ = __10__

__10__ - _____ = _____

__10__ - _____ = _____

I need to make 20. I already have a 10 number frame.

Which two number frames below does Che need to make 20?
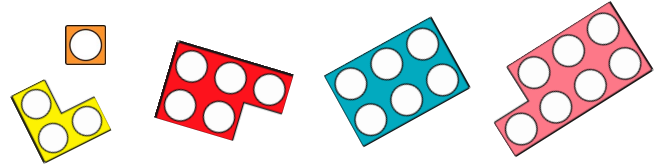
How many number bonds to 20 can you make using the number frames below?
You may use the frames more than once.
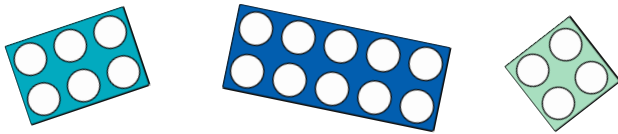
Draw number frames for 4 + 16. Complete:
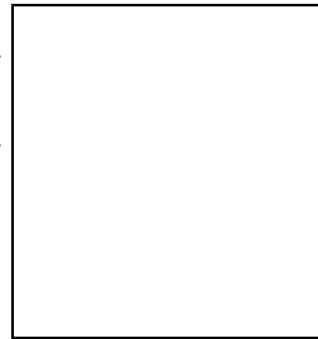
__4__ + __16__ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____

I need to make 20. I already have a 6 number frame.

Which two number frames below does Tam need to make 20?

The number frames represent a number bond to 20.

+
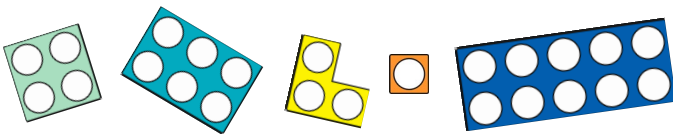
Spot the mistake and explain how it can be corrected.

Draw number frames for 12 + 8. Complete:
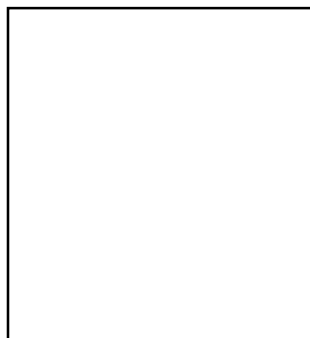
__12__ + __8__ = _____

_____ + _____ = _____

_____ - _____ = _____

_____ - _____ = _____

There are double the amount of number bonds to 20 than there are number bonds to 10.

True or false?
Prove it.

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Number frame number bonds ★ ★ ★

The total is 10. The second number is 4 more than the first number. Complete the number bonds below.

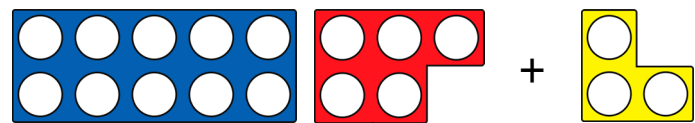$$\underline{\quad 3 \quad} + \underline{\quad 7 \quad} = \underline{\quad 10 \quad}$$

$$\underline{\quad 7 \quad} + \underline{\quad 3 \quad} = \underline{\quad 10 \quad}$$

$$\underline{\quad 10 \quad} - \underline{\quad 3 \quad} = \underline{\quad 7 \quad}$$

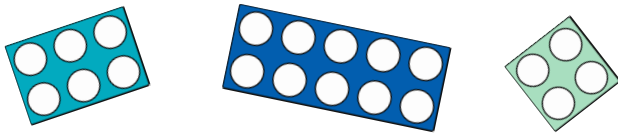$$\underline{\quad 10 \quad} - \underline{\quad 7 \quad} = \underline{\quad 3 \quad}$$

I need to make 20. I already have a 10 number frame.

Which two number frames below does Che need to make 20?
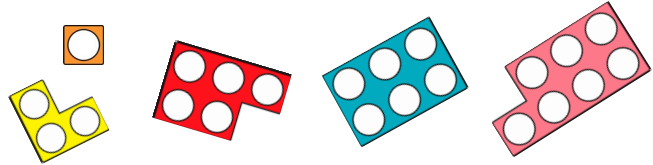
7 and 3 as 10 + 7 + 3 = 20.

How many number bonds to 20 can you make using the number frames below?
You may use the frames more than once.

10 + 10 = 20   14 + 6 = 20
16 + 4 = 20   6 + 14 = 20
4 + 16 = 20

Draw number frames for 4 + 16. Complete:

$$\underline{\quad 4 \quad} + \underline{\quad 16 \quad} = \underline{\quad 20 \quad}$$

$$\underline{\quad 16 \quad} + \underline{\quad 4 \quad} = \underline{\quad 20 \quad}$$

$$\underline{\quad 20 \quad} - \underline{\quad 4 \quad} = \underline{\quad 16 \quad}$$

$$\underline{\quad 20 \quad} - \underline{\quad 16 \quad} = \underline{\quad 4 \quad}$$
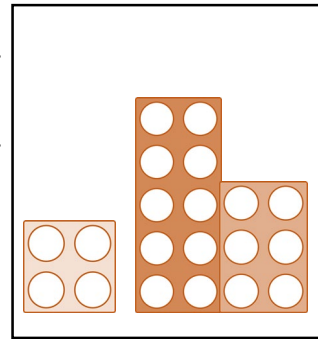
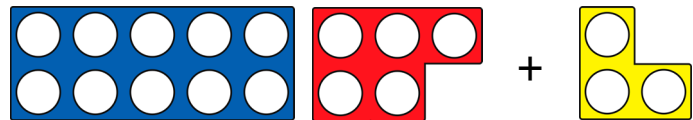I need to make 20. I already have a 6 number frame.

Which two number frames below does Tam need to make 20?
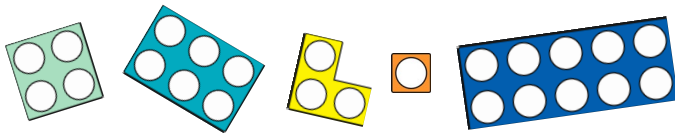
10 and 4 as 6 + 10 + 4 = 20

The number frames represent a number bond to 20.

$+$

Spot the mistake and explain how it can be corrected.
The number frames show 15 + 3 = 18.
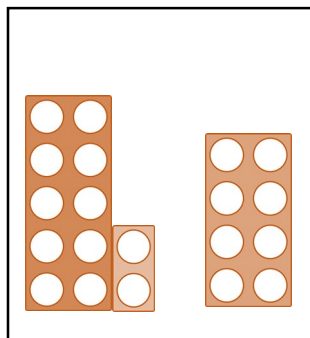The 3-piece can be changed to a 5 or the 5-piece can be changed to a 7.

Draw number frames for 12 + 8. Complete:

$$\underline{\quad 12 \quad} + \underline{\quad 8 \quad} = \underline{\quad 10 \quad}$$

$$\underline{\quad 8 \quad} + \underline{\quad 12 \quad} = \underline{\quad 10 \quad}$$

$$\underline{\quad 10 \quad} - \underline{\quad 12 \quad} = \underline{\quad 8 \quad}$$

$$\underline{\quad 10 \quad} - \underline{\quad 8 \quad} = \underline{\quad 12 \quad}$$

There are double the amount of number bonds to 20 than there are number bonds to 10.

True or false?
Prove it.

False. There are 11 number bonds to 10.
There are 21 number bonds to 20.