

# Challenge Cards – Comparing number sentences ★ ★ ★

What numbers could make the story true?  
List all possibilities.

Dom has 15 grapes.  
He eats 3 of them.

Matt has 8 grapes.  
He then gets \_\_\_\_\_ more.

Matt has less grapes than Dom.



Is there a mistake in the comparisons below?  
If so, explain what it is.

a)  $6 + 1 = 12 - 5$

b)  $2 + 8 < 15 - 6$

c)  $8 + 4 > 15 - 4$

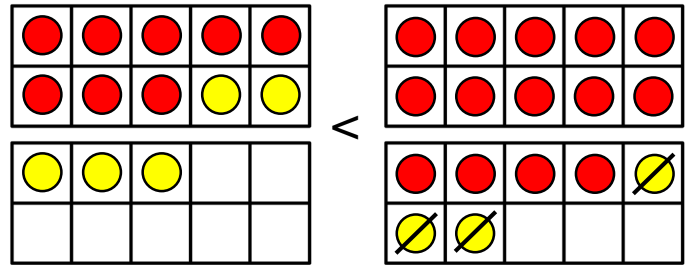


I can put 4 in the box to make the comparison true.

$7 + 4 < 14 - \square$

Is Sue correct?  
Explain your answer.

What numbers could Sue put in the box?



The number frames comparison is correct.  
True or false? Explain how you know.

Create your own comparisons.

\_\_\_\_\_ - \_\_\_\_\_ > \_\_\_\_\_ + \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ < \_\_\_\_\_ - \_\_\_\_\_

\_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_ - \_\_\_\_\_

What numbers could make the story true?  
List all possibilities.

Kat has \_\_\_\_\_ sweets.  
She eats 4 of them.

Beth has 9 sweets.  
She then gets 4 more.

Beth has less sweets than Kat.

# Challenge Cards – Comparing number sentences ★ ★ ★

What numbers could make the story true?  
List all possibilities. **1, 2, 3 or 0.**

Dom has 15 grapes.  
He eats 3 of them.

Matt has 8 grapes.  
He then gets \_\_\_\_\_ more.

Matt has less grapes than Dom.



Is there a mistake in the comparisons below?  
If so, explain what it is.

**B is incorrect as:  $2 + 8 = 10 > 15 - 6$**

a)  $6 + 1 = 12 - 5$

b)  $2 + 8 < 15 - 6$

c)  $8 + 4 > 15 - 4$

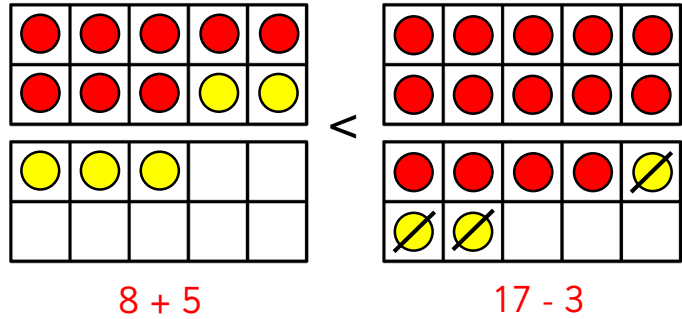


I can put 4 in the box to make the comparison true.

$7 + 4 < 14 - \square$

Is Sue correct? **No,  $7 + 4 = 11$  and  $14 - 4 = 10$ .**  
Explain your answer.

What numbers could Sue put in the box?  
**Sue could put 0, 1, or 2 in the box.**



The number frames comparison is correct.  
True or false? Explain how you know.

**True as  $8 + 5 = 13$  and  $17 - 3 = 14$ .  
 $13 < 14$**

Create your own comparisons.

**Any number sentences that make the comparisons true.**

\_\_\_\_ - \_\_\_\_ > \_\_\_\_ + \_\_\_\_

\_\_\_\_ + \_\_\_\_ < \_\_\_\_ - \_\_\_\_

\_\_\_\_ + \_\_\_\_ = \_\_\_\_ - \_\_\_\_

What numbers could make the story true?  
List all possibilities. **20, 19 or 18.**

**(Children should work with numbers within 20.)**

Kat has \_\_\_\_\_ sweets.  
She eats 4 of them.

Beth has 9 sweets.  
She then gets 4 more.

Beth has less sweets than Kat.