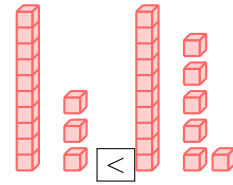


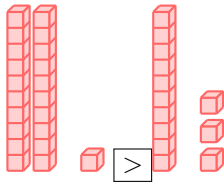
COMPARING 2-DIGIT NUMBERS

A DEFINITIONS

A.1 COMPARING NUMBERS OF CUBES

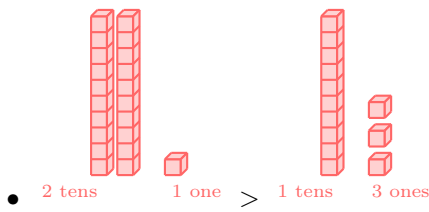
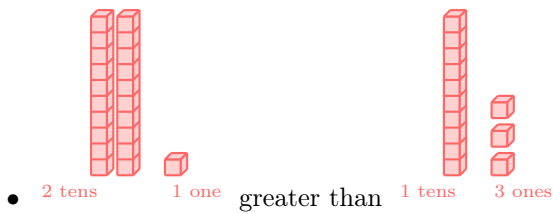


Ex 1:

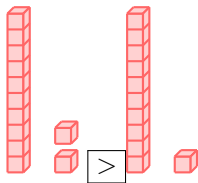


Answer:

- > means *greater than*.
- < means *less than*.
- = means *equal to*.

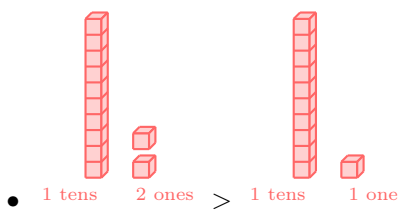


Ex 2:



Answer:

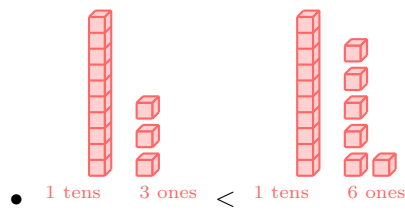
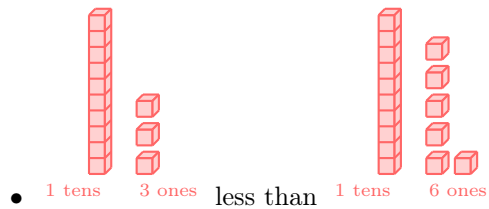
- > means *greater than*.
- < means *less than*.
- = means *equal to*.



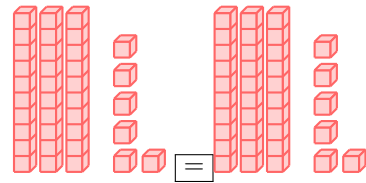
Ex 3:

Answer:

- > means *greater than*.
- < means *less than*.
- = means *equal to*.

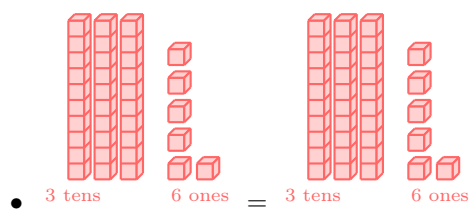
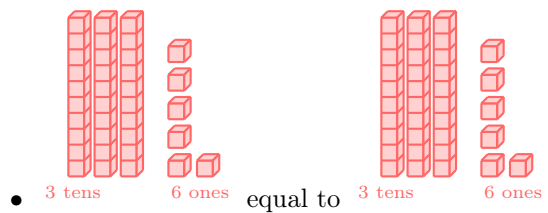


Ex 4:

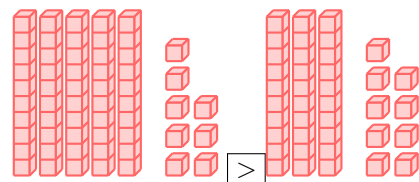


Answer:

- > means *greater than*.
- < means *less than*.
- = means *equal to*.

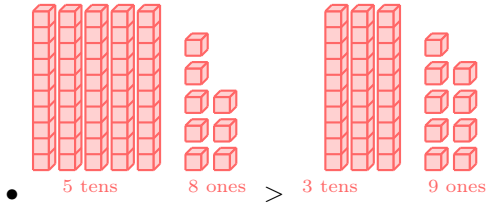
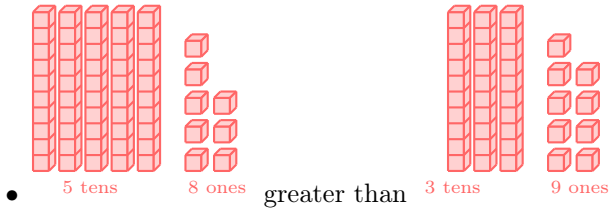


Ex 5:

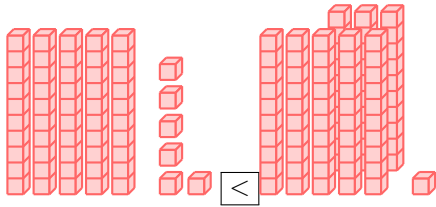


Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.

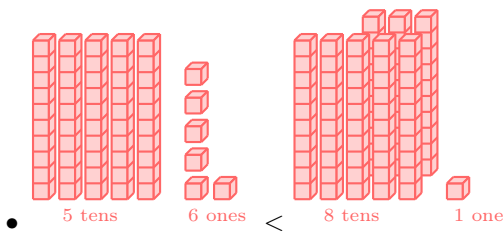
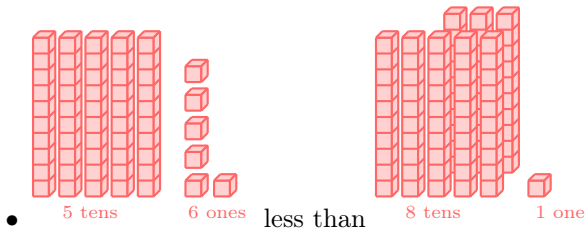


Ex 6:



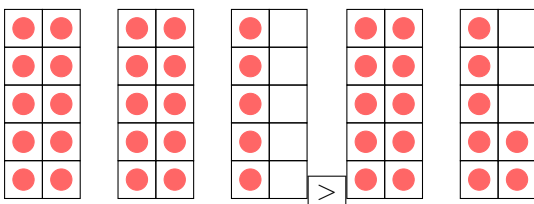
Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.



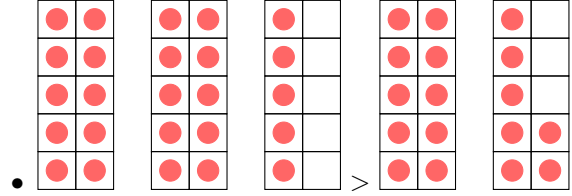
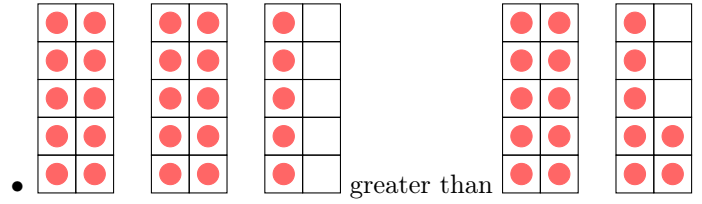
A.2 COMPARING NUMBERS OF CIRCLES

Ex 7:

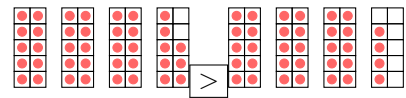


Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.

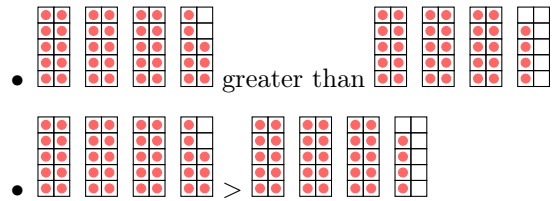


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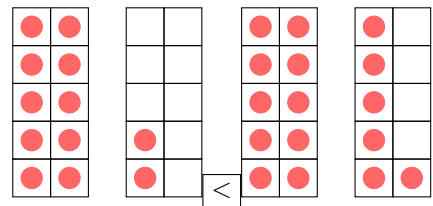


Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.

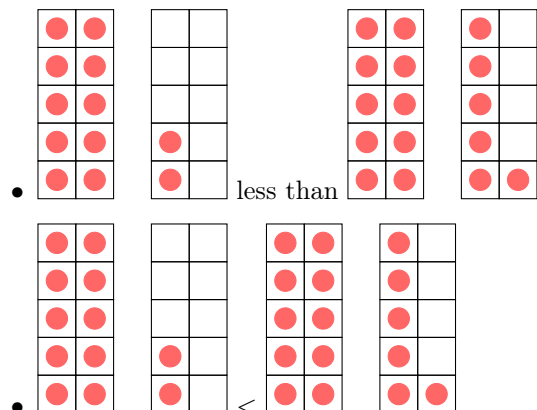


Ex 9:

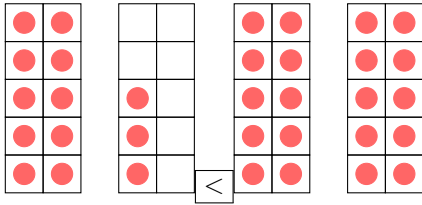


Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.

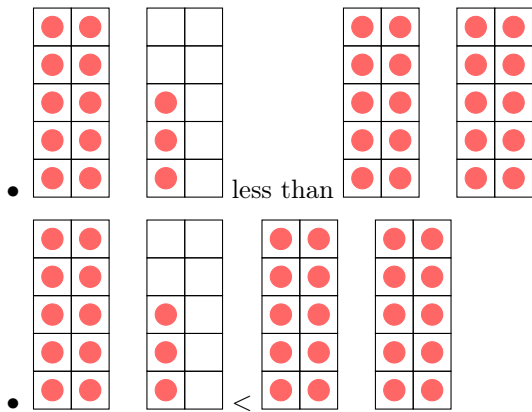


Ex 10:



Answer:

- $>$ means *greater than*.
- $<$ means *less than*.
- $=$ means *equal to*.



B HOW TO COMPARE 2-DIGIT NUMBERS

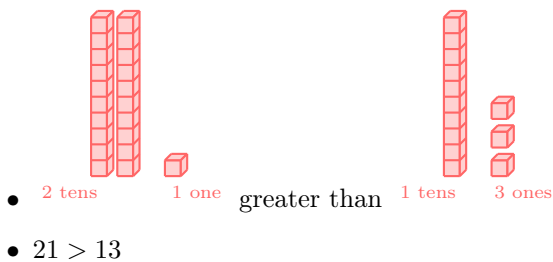
B.1 COMPARING NUMBERS

Ex 11:

$$21 > 13$$

Answer:

- Since 2 is in the tens place of 21 and is greater than 1 in the tens place of 13, 21 is greater than 13.

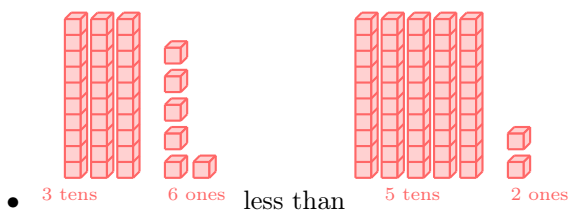


Ex 12:

$$36 < 52$$

Answer:

- Since 3 is in the tens place of 36 and is less than 5 in the tens place of 52, 36 is less than 52.



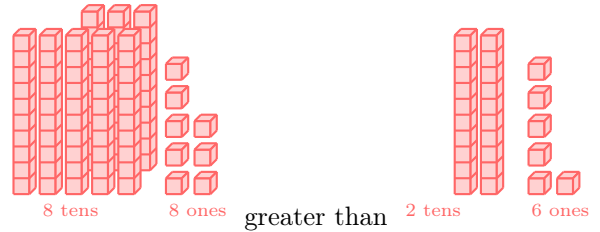
- $36 < 52$

Ex 13:

$$88 > 26$$

Answer:

- Since 8 is in the tens place of 88 and is greater than 2 in the tens place of 26, 88 is greater than 26.



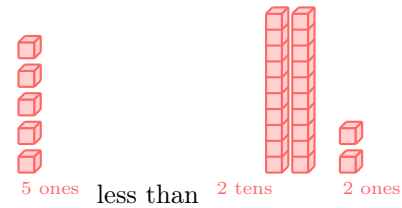
- $88 > 26$

Ex 14:

$$5 < 22$$

Answer:

- Since 0 is in the tens place of 05 and is less than 2 in the tens place of 22, 5 is less than 22.



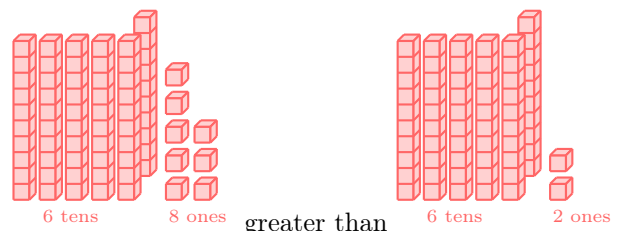
- $5 < 22$

Ex 15:

$$68 > 62$$

Answer:

- Since 6 is in the tens place for both numbers, we compare the ones place. 8 in the ones place of 68 is greater than 2 in the ones place of 62, so 68 is greater than 62.



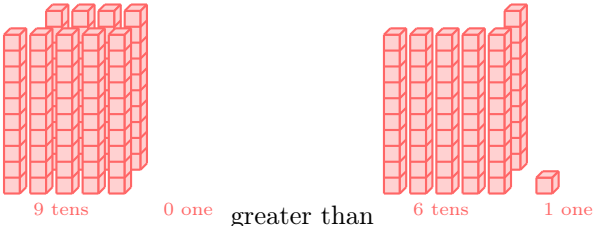
- $68 > 62$

Ex 16:

$$90 > 61$$

Answer:

- Since 9 is in the tens place of 90 and is greater than 6 in the tens place of 61, 90 is greater than 61.



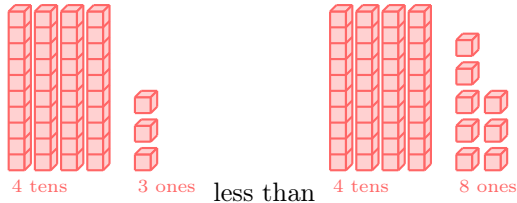
- 90 > 61

Ex 17:

$$43 \boxed{>} 48$$

Answer:

- The digits in the tens place are the same (4), so we look at the ones place. Since 3 in the ones place of 43 is less than 8 in the ones place of 48, 43 is less than 48.



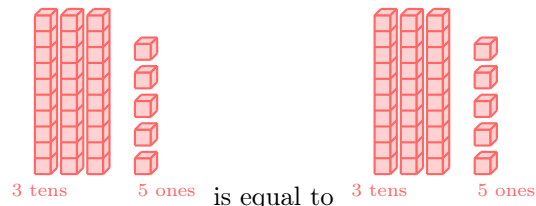
- 43 < 48

Ex 18:

$$35 \boxed{=} 35$$

Answer:

- Since both the tens and ones places are the same in 35 and 35, the two numbers are equal.



- 35 = 35

B.2 ORDERING NUMBERS

MCQ 19: Order the following numbers from least to greatest:

10, 6, 18, 22

Choose one answer:

- 6 < 18 < 10 < 22
- 6 < 10 < 22 < 18
- 10 < 18 < 6 < 22
- 6 < 10 < 18 < 22

Answer:

- 6 ones < 1 ten < 1 ten and 8 ones < 2 tens and 2 ones
- 6 < 10 < 18 < 22

MCQ 20: Order the following numbers from least to greatest:

12, 5, 25, 17

Choose one answer:

- 5 < 12 < 17 < 25
- 12 < 5 < 25 < 17
- 5 < 25 < 12 < 17
- 12 < 17 < 5 < 25

Answer:

- 5 ones < 1 ten and 2 ones < 1 ten and 7 ones < 2 tens and 5 ones
- 5 < 12 < 17 < 25

MCQ 21: Order the following numbers from least to greatest:

15, 8, 21, 13

Choose one answer:

- 15 < 8 < 21 < 13
- 8 < 21 < 15 < 13
- 8 < 13 < 15 < 21
- 15 < 13 < 8 < 21

Answer:

- 8 ones < 1 ten and 3 ones < 1 ten and 5 ones < 2 tens and 1 one
- 8 < 13 < 15 < 21

MCQ 22: Order the following numbers from least to greatest:

22, 16, 30, 19

Choose one answer:

- 22 < 16 < 30 < 19
- 16 < 19 < 22 < 30
- 16 < 30 < 22 < 19
- 22 < 19 < 16 < 30

Answer:

- 1 ten and 6 ones < 1 ten and 9 ones < 2 tens and 2 ones < 3 tens
- 16 < 19 < 22 < 30

B.3 COMPARING NUMBERS IN REAL-WORLD PROBLEMS

MCQ 23: On Monday, Lily planted 28 flowers in the garden. On Tuesday, she planted 34 more flowers. Which day did Lily plant more flowers?

- Monday
- Tuesday
- Lily planted the same number of flowers on both days.

Answer:

- $28 = 2$ tens and 8 ones.
- $34 = 3$ tens and 4 ones.
- Since $34 > 28$, Lily planted more flowers on Tuesday.

MCQ 24: On Wednesday, Farmer Joe picked up 45 eggs. On Thursday, Farmer Joe picked up 39 eggs. Which day did Farmer Joe pick up more eggs?

- Wednesday
- Thursday
- Farmer Joe picked up the same number of eggs on both days.

Answer:

- $45 = 4$ tens and 5 ones.
- $39 = 3$ tens and 9 ones.
- Since $45 > 39$, Farmer Joe picked up more eggs on Wednesday.

MCQ 25: Su has 27 marbles. Aisha has 32 marbles. Who has more marbles?

- Su
- Aisha
- They have the same number of marbles.

Answer:

- $27 = 2$ tens and 7 ones.
- $32 = 3$ tens and 2 ones.
- Since $32 > 27$, Aisha has more marbles than Su.

MCQ 26: Hugo has 53 Pokémon cards. Louis has 47 Pokémon cards. Who has more Pokémon cards?

- Hugo
- Louis
- They have the same number of Pokémon cards.

Answer:

- $53 = 5$ tens and 3 ones.
- $47 = 4$ tens and 7 ones.
- Since $53 > 47$, Hugo has more Pokémon cards than Louis.

MCQ 27: Maya has 73 colorful stickers. Leo has 67 colorful stickers. Who has more stickers?

- Maya
- Leo
- They have the same number of stickers.

Answer:

- $73 = 7$ tens and 3 ones.
- $67 = 6$ tens and 7 ones.
- Since $73 > 67$, Maya has more stickers than Leo.