Basic Facts, Relationships & Equality Exam not valid for Paper Pencil Test Sessions

1 Kelsey made 12 bracelets for her friends last week. She needed a total of 18 bracelets. How many more bracelets does she need to make?

$$12 + \Box = 18$$

- A 5
- **B** 30
- C 6
- **D** 29

- **A** 13
- **B** 3
- C 4
- **D** 14

3 Directions: Type your answer in the box.

Look at the number sentences.

What number can be written to replace the empty box?

- ⁴ 12 8 =
 - A 4
 - **B** 5
 - **C** 3
 - **D** 6

5 Directions: Click on each number sentence you want to choose. You must choose all correct answers.

Choose the number sentences that are part of this fact family 7 + 3 = 10.

10 - 7 = 3	10 - 3 = 7	10 + 3 = 13	7 + 10 = 17
7 - 3 = 4	10 + 7 = 17	3 + 10 = 13	3 + 7 = 10

6 Directions: Type your answer in the box.

Look at the number sentences.

What number can be written to replace the empty box?

⁷ Which is true?

$$A 13 + 2 = 6 + 8$$

B
$$8 + 8 \neq 12 + 4$$
 C $7 + 6 \neq 11 + 2$

$$\mathbf{D} \ 11 + 7 = 15 + 3$$

Juan bought 15 pears. He and Maria had 19 altogether. How many pears did Maria have?

$$15 + ? = 19$$

9 Directions: Type your answer in the box.

$$4 + 15 =$$

- A 15
- **B** 17
- C 18
- **D** 16

11

Which addition fact will fill in the blank to make the equation true?

- A 11 + 7
- B 17 + 3
- C 12 + 5
- D 15 + 4

12 Which is true?

- A 10 = 8 + 3
- B 4 = 8 2
- C 18 = 16 + 3
- D 14 = 6 + 8

Directions: Choose all of the equations that are true statements. You must choose all correct answers.

Choose all of the equations that are true statements.

7 + 7 ≠ 9 + 5	14 + 5 = 10 + 9	
11 + 6 ≠ 13 + 4	8 + 4 = 2 + 9	
11 + 4 ≠ 9 + 8	2 + 14 = 8 + 7	

14 Which is true?

A
$$20 - 4 = 17$$

$$B 13 + 0 = 0$$

$$C 23 + 0 = 23$$

$$D 20 - 2 = 19$$

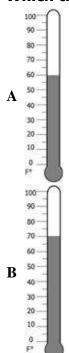
15 Which is true?

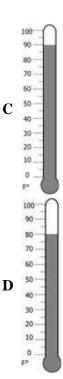
- A 13 is less than 12
- B 89 is greater than 36
- ${\bf C}$ 87 is greater than 90
- D 83 is less than 75

- **A** <
- $\mathbf{B} =$
- **C** >
- **D** -
- 17 Directions: Type your answer in the box.

What is 71 rounded to the nearest ten?

 18 Which thermometer is closest to 70°F?





19 Directions: Type your answer in the box.

Look at the equation.

Using the equation, how many numbers are needed to count up to 20?



The image above shows how 4 cars finish in a race. What place did the green car finish?

A First

C Third

B Second

D Fourth