Patterns & Algebra

Name: _____   Date: _____

1. What is the missing number from the pattern?.

2, 4, 6, ____, 10, 12

- ○ 6
- ○ 8
- ○ 7
- ○ 14

2. *Enter the missing number to make the number sentence true.*

$6 + 10 = \boxed{} + 6$

3. 🟥 = 5   🟠 = 7   🔺 = 10

🟥 + 🔺 =

- ○ 17
- ○ 12
- ○ 10
- ○ 15

4. 🟥 + 🟠 - 🔺 =

- ○ 2
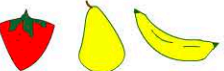- ○ 12
- ○ 5
- ○ 22

5. Which fruits continue the pattern?
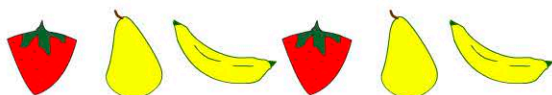
6. Which three numbers continue the pattern?

5, 10 ,15, 20, ____, ____, ____

- ○ 30,40,50
- ○ 21,22,23
- ○ 25,35,45
- ○ 25,30,35

7. Which number sentence is true?

- ○ 6 + 7 = 6 x 7
- ○ 6 + 7 = 7 - 6
- ○ 6 + 7 = 7 + 6
- ○ 6 + 7 = 77 - 66

8. Which number sentence is not true?

- ○ 5 + 9 = 7 + 7
- ○ 4 + 6 = 5 + 5
- ○ 6 + 9 = 8 + 8
- ○ 3 + 9 = 6 + 6

9. Fill in the missing number.

10, 20, 30, $\boxed{}$ 50, 60.

10. What is the fifth number in the pattern?

4, 8, 12, 16, 20, 24, 28, 32.

$\boxed{}$ is the fifth number in the pattern.