PRE-TEST 13 Addition and Subtraction to 40

Vocabulary

Fill in the blanks.
Use the words in the box.

| make   subtract   doubles fact |

1. We can use a _____ to solve the problem:

$5 + 6 =$ _____.

2. 8 and 2 _____ 10.

3. We can _____ by grouping into tens and ones.

Concepts and Skills

Add using a doubles fact.

4. $6 + 7 =$ _____

Add by grouping the numbers into a ten and ones.

5.   12 + 5 = _____

Subtract by grouping the numbers into a ten and ones.

6.   18 − 6 = _____

7.   11 − 4 = _____

Problem Solving

Solve.
Show your work.

8.   Amanda paints 9 stars red.
She paints 5 more blue stars than red stars.
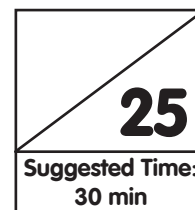How many blue stars does Amanda paint?

[⬭] (◯) [⬭] = [⬭]

Amanda paints _____ blue stars.

9.   Thomas catches 12 bugs.
He catches 3 more bugs than Roger.
How many bugs does Roger catch?

[⬭] (◯) [⬭] = [⬭]

Roger catches _____ bugs.

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25
Suggested Time: 30 min

Multiple Choice (5 x 2 points = 10 points)

Fill in the circle next to the correct answer.

1. $26 + 4 = 10 + \boxed{}$

Ⓐ 10   Ⓑ 20   Ⓒ 30   Ⓓ 40

2. What is the same as 3 less than 31?

Ⓐ 20 + 3   Ⓑ 18 + 4   Ⓒ 26 + 8   Ⓓ 22 + 6

3. What is equal to 32?

Ⓐ 20 + 3   Ⓑ 30 – 2   Ⓒ 28 + 2   Ⓓ 40 – 8

4. $29 - \boxed{} = 12$

Ⓐ 12   Ⓑ 15   Ⓒ 17   Ⓓ 39

5. Susan buys 11 buns.
Tom buys 5 fewer buns.
How many buns does Tom buy?

Ⓐ 6   Ⓑ 9   Ⓒ 16   Ⓓ 61

Short Answer (5 x 2 points = 10 points)

Follow the directions.

6. Fill in the missing number.

3 less than 36 is _____.

7. Add.

$$\begin{array}{r} 1\,2 \\ +\ \ 1\,6 \\ \hline \end{array}$$

8. Subtract.

$$\begin{array}{r} 3\,8 \\ -\ \ 2\,9 \\ \hline \end{array}$$

9. Fill in the missing number.

$23 +$ _____ $= 37$

10. Fill in the missing number.

$3 + 5 + 7 =$ _____

Extended Response (Question 11: 2 points, Question 12: 3 points)

Solve.
Show your work.

11. Tim and Sam caught 37 fish in all.
Sam caught 14 fish.
How many fish did Tim catch?

⬭ ◯ ⬭ = ⬭

Tim caught _____ fish.

12. A pet shop has 15 kittens, 10 puppies, and 7 bunnies.
How many pets does the pet shop have in all?

⬭ ◯ ⬭ ◯ ⬭ = ⬭

The pet shop has _____ pets in all.