

PROBLEM SOLVING - ADDITION

Solve the following problems. Read each problem carefully before attempting.

1. There are 24 boys and 23 girls in Mr. Johnson's class. There are 20 boys and 24 girls in Ms. Beatrice's class.



- a) How many girls are in both classes?
- b) How many boys are in both classes?
- c) How many students are in both classes?

2. A town (A) has a population of 6124 and another (B) has a population of 4851. A third (C) has a population of 4362 inhabitants. What is the total population of the three towns?
3. Susan earned 1,970 dollars last week. This week she earned 1,138 dollars. How much money did Susan earned in two weeks, a fortnight?
4. Luke saved 350 dollars in May, 214 dollars in June, and 400 dollars in July. How much money did Luke save for the three months?
5. The children in standard three are painting a mural. Each child needs a paint brush to paint. There are 43 girls and 48 boys. How many paintbrushes should the teacher have?
6. Barbecue tickets were sold. Michelle sold 83 tickets, Mark sold 41 tickets, Janelle sold 134 tickets, and Ace sold 109 tickets. How many barbecue tickets were sold?
7. Philip had 46 stamps. He went to the post office and got some more stamps that commemorated successful athletes. He bought 34 stamps. How many stamps does Philip have in his stamp collection?

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PROBLEM SOLVING - SUBTRACTION 1

Read each problem carefully. Then answer the questions.



1. There are 24 boys and 23 girls in Mr. Johnson's class. There are 20 boys and 24 girls in Ms. Beatrice's class. How many more students are in Ms. Beatrice's class than in Mr. Johnson's class?

Answer = _____

2. Town A has a population of 6,124. Town B has a population of 4,851. Town C has a population of 4,362 inhabitants. Susan earned 1,970 dollars last week. This week she earned 1,138 dollars. How much more money did Susan earned in the first week?



Answer = _____

3. Estimate the sum of 432 and 587 by rounding each number to the nearest hundred before adding.

Answer = _____

PROBLEM SOLVING - SUBTRACTION 2

Read each problem carefully. Then answer the questions.

1. Luke saved 400 dollars in July. He spent 215 dollars. How much money had he left?



Answer = _____

2. The children in standard three are painting a mural. Each child needs a paint brush to paint. There are 43 girls and 48 boys. The teacher has 63 paintbrushes in her cupboard. How many paintbrushes should the teacher buy?



Answer = _____

3. Barbecue tickets were sold. Michelle sold 83 tickets. 67 tickets are paid for in advance.
- How many tickets were not paid in advance?
 - More barbecue tickets were sold. Janelle sold 134 tickets. Ace sold 25 less tickets. How many tickets did Ace sell?

Answers = a) _____ b) _____

4. Philip had 80 stamps. He went to the post office and got some more stamps. Philip now has 124 stamps in his stamp collection. How many stamps did Philip buy?



Answer = _____

ADDITION AND SUBTRACTION - PROBLEM SOLVING

Consolidation

1. A bottle-nose dolphin can weigh up to 440 pounds. A common dolphin can weigh up to 165 pounds. How much heavier is a bottle-nose dolphin than a common dolphin?

Answer =

2. On Saturday 245 people went to Five Islands Park. On Sunday, 345 people went to Five Islands Park. On Monday, 284 people went to Five Islands Park. How many people went to Five Islands Park from Saturday to Monday?

Answer =

3. Soraya saved \$21 in January, \$41 in February, and \$32 in March. How much money did she save for the three months?

Answer =

4. This week, Jessie sold 65 glasses of lemonade at her lemonade stand. Jamie sold 58 glasses of lemonade at her lemonade stand. Luke sold 68 glasses of lemonade at his lemonade stand. How much lemonade did Luke and Jamie sell altogether?

Answer =

5. Dahlia jumped rope 32 times. Soraya jumped 27 times. How many more times did Dahlia jumped compared to Soraya?

Answer =

6. A pet shelter had 35 dogs in January, 25 dogs in February, 32 dogs in March, 43 dogs in April, and 48 in May.

Answer = _____

- a) Which month had the most dogs?

Answer = _____

- b) Which month had the least?

Answer= _____

- c) How many more dogs were in the shelter in the month with the most dogs compared to the month with the least dogs?

Answer = _____

MULTI-STEP PROBLEMS

Practice using the multi-step method to solve for following addition and subtraction problems.

1. Kerwin bought 214 of coconuts from the first field and 147 of coconuts from the second field. How many coconuts did he buy altogether?

Answer = _____

2. Mira went to Courts with \$4000 to buy a computer. How much money does she have left?



Cost price of Computer: \$3012.00

Answer = _____

3. Daniel and James are collecting money for a fundraiser. Daniel collected \$289 on Monday and \$293 on Tuesday. James collected \$450 on Monday and \$184 on Tuesday.
 - a) How much did both boys collected?

Answer = _____

- b) Which boy has collected more so far? How many more does he have?

Answer = _____

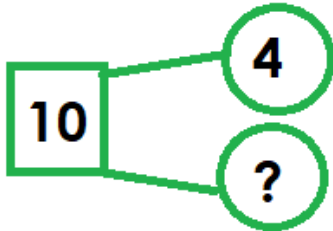
MENTAL MATHS - QUIZ 8

This quiz has 14 questions. You have 25 minutes to complete this quiz.

1. QUESTION

1 point

Fill in the missing number combination to make ten.



Answer = _____

2. QUESTION

2 points

Use the jump strategy to solve:

$$42 + 32 =$$

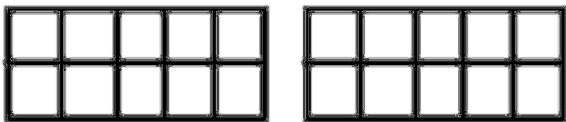
$$42 + \boxed{} + \boxed{} + \boxed{} + \boxed{} + \boxed{} = \boxed{}$$

3. QUESTION

1 point

Use the ten frames to solve.

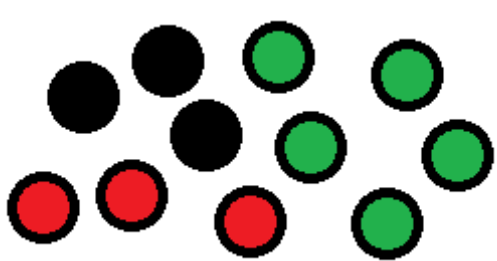
$$7 + 5 + 3$$



Answer = _____

4. QUESTION**1 point**

Select the statement that shows the groups below.



☐ $3+3+5$

☐ $4+7$

☐ $2+4+5$

5. QUESTION**2 points**

Use the split strategy to solve.

$$26 + 43 =$$

$$\begin{array}{l} 20 + \boxed{} = \boxed{} \\ 6 + \boxed{} = \boxed{} \end{array}$$

Answer = _____

6. QUESTION**1 point**

Solve the double fact below.

$$9 + 9 =$$

7. QUESTION**1 point**

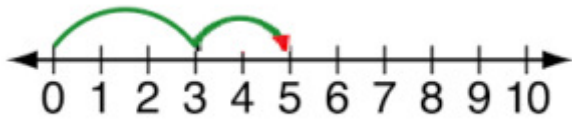
Select the number sentence that is a ten fact.

☐ $6+4$

☐ $6+5$

8. QUESTION**1 point**

Use the number line to complete the number sentence below.



$$3 + \boxed{} = 5$$

9. QUESTION**1 point**

Solve using “the bridging to tens” strategy.

$$34 + 8$$

$$34 + \boxed{} + \boxed{} = \boxed{}$$

10. QUESTION**1 point**

Solve the question below using any strategy.

A heap of mangoes cost 8 dollars. How many would two similar heaps of mangoes cost?

Answer= _____

11. QUESTION**1 point**

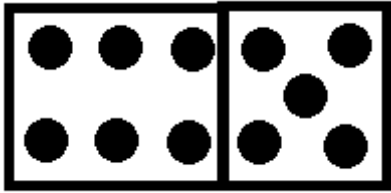
Solve the question below using any strategy.

There are 27 ripe mangoes and 9 green mangoes in a basket. How many mangoes are there altogether?

Answer = _____ mangoes

12. QUESTION**2 points**

Complete the statement below.



$6 + 5 = \boxed{}$

$5 + 6 = \boxed{}$

13. QUESTION**2 points**

Solve the facts below.

$18 + 6 = 24$

$24 - 18 = \boxed{}$

$24 - 6 = \boxed{}$

14. QUESTION**3 points**

Select the statements that would give the answer 46.

☐ $20 + 10 + 10 + 6$

☐ $38 + 2 + 6$

☐ $45 + 2$

☐ $26 + 21$

☐ $23 + 23$

REVIEW QUESTIONS

Carefully read the questions, then answer the questions.

- 1. 1
- 2. 2
- 3. 3
- 4. 4
- 5. 5
- 6. 6
- 7. 7
- 8. 8

- 1. Current
- 2. Review
- 3. Answered

1. There are 37 preschoolers in St. Christophers Preschool; 42 in Little Achievers; and 62 in StarLite Preschool. How many students are there altogether?

○ Answer:

2. There are 37 preschoolers in St. Christophers Preschool; 42 in Little Achievers; and 62 in StarLite Preschool. How many more students attend StarLite than St. Christopher?

○ Answer= students

3. Find the sum.

○

	3	2	1	5
		1	4	3
	5	6	4	4
+			6	7

4. Find the difference between 7134 and 1345.

○

—	7	9	7	4
	1	3	4	5

○

○ Answer:

5. Mark shared 480 marbles, giving Alan 141 more than both Kern and Don. If Kern and Don got the same number of marbles, how many marbles did Alan get?

○ 1. ☐ 254 marbles

○ 2. ☐ 240 marbles

○ 3. ☐ 120 marbles

○ 4. ☐ 113 marbles

6. Sue had 46 dolls in her collection. She went to a doll show and got some more dolls. Now she has 76 dolls. How many dolls did Sue get?

○ 1. ☐ 26 dolls

○ 2. ☐ 46 dolls

○ 3. ☐ 30 dolls

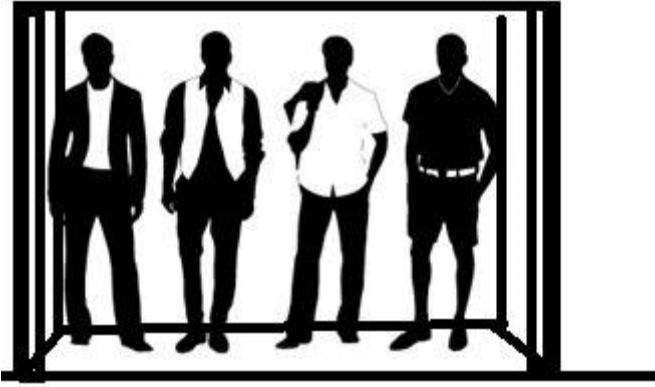
7. Complete the process below for finding the sum of 86 and 67.

○ $86 = 40 + \text{} + 6$

$67 = 60 + \text{}$

$86 + 67 = 100 + 40 + 13 = \text{}$

8. An elevator can hold a maximum of 630 kg.



If 3 people weighing 134, 126, and 119 respectively. What is the maximum weight of the forth person?

- 1. ☐ 379
- 2. ☐ 251
- 3. ☐ 158

Tags: Addition And Subtraction Categories Elementary Mathematics