

Grade 3 Growing with Math. Topic 2 –

Name _____

Date _____

(5B)

1. Mrs. D'Amato baked 20 chocolate chip cookies. She also baked 80 pumpkin cookies. To find out how many cookies she baked in all, you could

- add 20 and 80
- subtract 80 from 20
- multiply 20 by 80
- divide 80 by 20

(5B)

2. Mr. Nestico bought 12 red roses and 6 white roses for his wife. Which number sentence shows how many more red roses than white roses he bought?

- $12 + 6 = \square$
- $12 \div 6 = \square$
- $12 - 6 = \square$
- $12 \times 6 = \square$

(6A)

3. Solve this problem.

$$6 + 8 =$$

- 11
- 12
- 13
- 14

(6A)

4. Solve this problem.

$$15 - 7 =$$

- 5
- 6
- 7
- 8

(6A)

5. Solve this problem.

$$\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$$

- 13
- 14
- 15
- 16

(6A)

6. Solve this problem.

$$\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$$

- 6
- 7
- 8
- 9

(5C)

7. Write a story problem that can be solved using the number sentence

$$18 + 9 = \square$$

8. Solve this problem.

(7A)

$$32 + 27 =$$

- 15
- 49
- 55
- 59

10. Solve this problem.

(7B)

$$37 + 8 =$$

- 31
- 41
- 45
- 81

9. Solve this problem.

(7A)

$$\begin{array}{r} 65 \\ - 24 \\ \hline \end{array}$$

- 41
- 49
- 81
- 89

11. Solve this problem.

(7B)

$$\begin{array}{r} 6 \quad 8 \\ + 23 \\ \hline \end{array}$$

- 45
- 81
- 85
- 91

<p style="text-align: right;">(9A)</p> <p>Use the table to answer question 12.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th colspan="2" style="text-align: center;">Cookies Sold in One Week</th> </tr> <tr> <th style="text-align: left;">Type of Cookie</th> <th style="text-align: center;">Number Sold</th> </tr> </thead> <tbody> <tr> <td>Chocolate Chip</td> <td style="text-align: center;">92</td> </tr> <tr> <td>Oatmeal Raisin</td> <td style="text-align: center;">28</td> </tr> <tr> <td>Pumpkin</td> <td style="text-align: center;">39</td> </tr> <tr> <td>Peanut Butter</td> <td style="text-align: center;">46</td> </tr> </tbody> </table> <p>12. How many oatmeal raisin and peanut butter cookies were sold?</p> <p> <input type="radio"/> 64 <input type="radio"/> 74 <input type="radio"/> 82 <input type="radio"/> 92 </p>	Cookies Sold in One Week		Type of Cookie	Number Sold	Chocolate Chip	92	Oatmeal Raisin	28	Pumpkin	39	Peanut Butter	46	<p style="text-align: right;">(9B)</p> <p>15. Debbie had 17 silver keys, 29 gold keys, and 18 gold rings. How many keys did Debbie have?</p> <p> <input type="radio"/> 12 <input type="radio"/> 36 <input type="radio"/> 46 <input type="radio"/> 58 </p>			
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<p style="text-align: right;">(9A)</p> <p>13. Mrs. Cashman rode her bike for 35 miles. Mrs. Gallant rode her bike for 24 miles. How many miles did they ride in all?</p> <p> <input type="radio"/> 11 <input type="radio"/> 51 <input type="radio"/> 59 <input type="radio"/> 77 </p>	<p style="text-align: right;">(9B)</p> <p>16. Mrs. Block has 25 red pens and 43 purple pens. Ms Krueger has 68 red pens and 21 blue pens. How many more red pens does Ms Krueger have than Mrs. Block?</p> <p> <input type="radio"/> 43 <input type="radio"/> 63 <input type="radio"/> 83 <input type="radio"/> 93 </p>															
<p style="text-align: right;">(9A)</p> <p>14. Rudy saved \$41 to buy a cell phone for \$95. How much more money does he need?</p> <p> <input type="radio"/> 54 <input type="radio"/> 56 <input type="radio"/> 134 <input type="radio"/> 136 </p>	<p style="text-align: right;">(19A)</p> <p>The table shows how a group of third and fourth graders get to school.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin: 10px 0;"> <thead> <tr> <th colspan="3" style="text-align: center;">GETTING TO SCHOOL</th> </tr> <tr> <th style="width: 30%;"></th> <th style="width: 35%; text-align: center;">3rd Graders</th> <th style="width: 35%; text-align: center;">4th Graders</th> </tr> </thead> <tbody> <tr> <td>Walk</td> <td style="text-align: center;">23</td> <td style="text-align: center;">39</td> </tr> <tr> <td>Bus</td> <td style="text-align: center;">14</td> <td style="text-align: center;">12</td> </tr> <tr> <td>Car</td> <td style="text-align: center;">8</td> <td style="text-align: center;">15</td> </tr> </tbody> </table> <p style="text-align: right;">(19A)</p> <p>17. How many students got to school by walking?</p> <p> <input type="radio"/> 23 <input type="radio"/> 26 <input type="radio"/> 51 <input type="radio"/> 62 </p>	GETTING TO SCHOOL				3rd Graders	4th Graders	Walk	23	39	Bus	14	12	Car	8	15
GETTING TO SCHOOL																
	3rd Graders	4th Graders														
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CMT (4th Generation Practice Items
Aligned with Grade 3: TOPIC 2
Growing with Mathematics
September 21, 2005

Topic 2: Working with Addition and Subtraction

- 5B: Identify the appropriate operation or number sentence to solve a story problem.
- 5C: Write a story problem from an addition number sentence.
- 6A: Add and subtract facts to 18.
- 7A: Add and subtract 1- and 2-digit whole numbers without regrouping.
- 7B: Add 1- and 2-digit whole numbers with regrouping.
- 9A: Solve simple story problems involving addition with/without regrouping.
- 9A: Solve simple story problems involving subtraction without regrouping.
- 9B: Solve simple story problems involving addition with/without regrouping with extraneous information.
- 9B: Solve simple story problems involving subtractions without regrouping with extraneous information.
- 19A: Identify correct information from charts and tables.

Grade 3 Growing with Math. Topic 2 – CMT (4th Gen) Practice Items
ANSWERS

<p style="text-align: right;">(5B)</p> <p>1. Mrs. D’Amato baked 20 chocolate chip cookies. She also baked 80 pumpkin cookies. To find out how many cookies she baked in all, you could</p> <p> <input type="radio"/> add 20 and 80 *** <input type="radio"/> subtract 80 from 20 <input type="radio"/> multiply 20 by 80 <input type="radio"/> divide 80 by 20 </p>	<p style="text-align: right;">(6A)</p> <p>4. Solve this problem.</p> $15 - 7 =$ <p> <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 *** </p>
<p style="text-align: right;">(5B)</p> <p>2. Mr. Nestico bought 12 red roses and 6 white roses for his wife. Which number sentence shows how many more red roses than white roses he bought?</p> <p> <input type="radio"/> $12 + 6 = \square$ <input checked="" type="radio"/> $12 \div 6 = \square$ <input type="radio"/> $12 - 6 = \square$ *** <input checked="" type="radio"/> $12 \times 6 = \square$ </p>	<p style="text-align: right;">(6A)</p> <p>5. Solve this problem.</p> $\begin{array}{r} 9 \\ + 4 \\ \hline \end{array}$ <p> <input type="radio"/> 13 *** <input checked="" type="radio"/> 14 <input type="radio"/> 15 <input type="radio"/> 16 </p>
<p style="text-align: right;">(6A)</p> <p>3. Solve this problem.</p> $6 + 8 =$ <p> <input checked="" type="radio"/> 11 <input type="radio"/> 12 <input type="radio"/> 13 <input type="radio"/> 14 *** </p>	<p style="text-align: right;">(6A)</p> <p>6. Solve this problem.</p> $\begin{array}{r} 17 \\ - 9 \\ \hline \end{array}$ <p> <input type="radio"/> 6 <input type="radio"/> 7 <input type="radio"/> 8 *** <input type="radio"/> 9 </p>

(5C)

7. Write a story problem that can be solved using the number sentence

$$18 + 9 = \square$$

Joining Model of Addition: John had 18 Corvettes. His parents gave him 9 more Corvettes on his birthday. How many Corvettes does he now own?

Combined Model of Addition: John has 18 red Corvettes and 9 yellow Corvettes. How many Corvettes does he have in all?

(7A)

8. Solve this problem.

$$32 + 27 =$$

 15 49 55 59 ***

(7B)

10. Solve this problem.

$$37 + 8 =$$

 31 41 45 *** 81

(7A)

9. Solve this problem.

$$\begin{array}{r} 65 \\ - 24 \\ \hline \end{array}$$

 41 *** 49 81 89

(7B)

11. Solve this problem.

$$\begin{array}{r} 6 \quad 8 \\ + 2 \quad 3 \\ \hline \end{array}$$

 45 81 85 91 ***

(9A)

Use the table to answer question 12.

Cookies Sold in One Week	
Type of Cookie	Number Sold
Chocolate Chip	92
Oatmeal Raisin	28
Pumpkin	39
Peanut Butter	46

12. How many oatmeal raisin and peanut butter cookies were sold?

- 64
- 74 ***
- 82
- 92

(9A)

13. Mrs. Cashman rode her bike for 35 miles. Mrs. Gallant rode her bike for 24 miles. How many miles did they ride in all?

- 11
- 51
- 59 ***
- 7

(9A)

14. Rudy saved \$41 to buy a cell phone for \$95. How much more money does he need?

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- 43 ***
- 63
- 83
- 93

(19A)

The table shows how a group of third and fourth graders get to school.

GETTING TO SCHOOL

	3rd Graders	4th Graders
Walk	23	39
Bus	14	12
Car	8	15

(19A)

17. How many students got to school by walking?

- 23
- 26
- 51
- 62 ***