

Solutions to Equations for 100

What is the solution to

$$n + 13 = 20 \quad ?$$

A. 6

B. 7

C. 33

D. Not here

Solutions to Equations for 100

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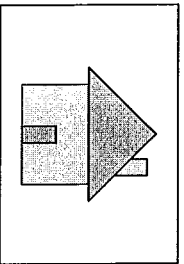
$$n + 13 = 20 \quad ?$$

A. 6

B. 7

C. 33

D. Not here



Solutions to Equations for 200

What is the solution to

$$4r = 36 \quad ?$$

A. 9

B. 32

C. 40

D. Not here

Solutions to Equations for 200

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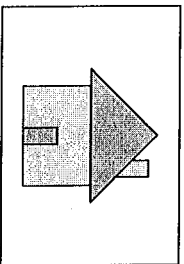
$$4r = 36 \quad ?$$

A. 9

B. 32

C. 40

D. Not here



Solutions to Equations for 300

What is the solution to

$$5m - 3 = 32 \quad ?$$

- A. 5
- B. 6
- C. 33
- D. Not here

Solutions to Equations for 300

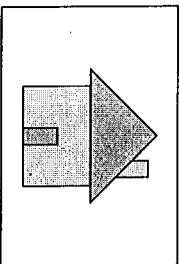
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$$5m - 3 = 32 \quad ?$$

- A. 5
- B. 6
- C. 33

D. Not here

The solution is 7.



Solutions to Equations for 400

Which equation has a solution of 8?

A. $2x - 10 = 4$

B. $17 - 2x = 5$

C. $5x - 13 = 27$

D. $22 + 3x = 52$

Solutions to Equations for 400

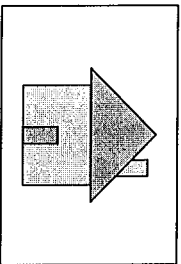
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Solutions to Equations for 500

Which 2 equations have the same solution?

A. $n + 18 = 30$

B. $3n = 48$

C. $14 + n = 23$

D. $5n = 60$

Solutions to Equations for 500

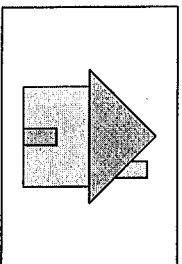
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Solving Equations for 100

Solve for “n.”

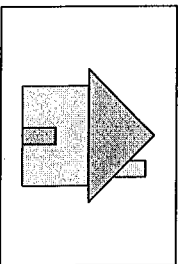
$$n - 16 = 30$$

Solving Equations for 100

Solve for “n.”

$$n - 16 = 30$$

$$n = 46$$



Solving Equations for 200

Solve for “n.”

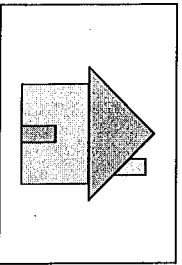
$$n + 24 = 40$$

Solving Equations for 200

Solve for “n.”

$$n + 24 = 40$$

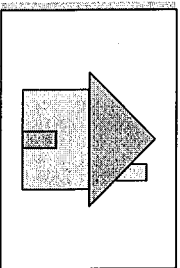
$$n = 16$$



Solving Equations for 300

Solving Equations for 300

$n = 108$



Solving Equations for 400

Solve for “n.”

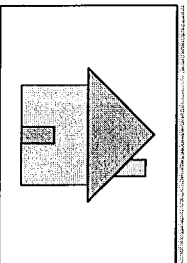
$$8n = 184$$

Solving Equations for 400

Solve for “n.”

$$8n = 184$$

$$n = 23$$



Solving Equations for 500

Solve for “n.”

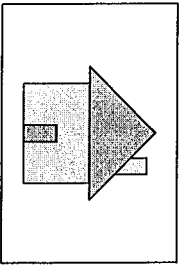
$$5n + 1 = 61$$

Solving Equations for 500

Solve for “n.”

$$5n + 1 = 61$$

$$n = 12$$



Writing Equations for 100

Jack ran a lemonade stand on Saturday. Jill ran a lemonade stand on Sunday and made \$5 more than Jack.

Which equation could you use to find out how much money Jill made?

- A. $\text{Jack} + \text{Jill} = 5$
- B. $\text{Jill} - 5 = \text{Jack}$
- C. $\text{Jack} - 5 = \text{Jill}$
- D. $5 - \text{Jack} = \text{Jill}$

Writing Equations for 100

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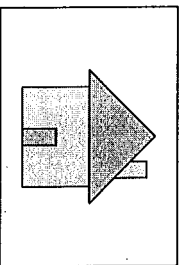
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C. $Jack - 5 = Jill$

D. $5 - Jack = Jill$

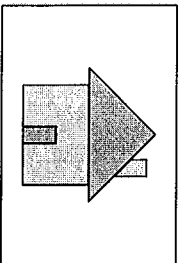


Writing Equations for 200

Jill earns \$7 an hour at her job. Last week she earned \$84. Which equation could you use to find out how many hours Jill worked?

Writing Equations for 200

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Writing Equations for 300

Jack can run up the hill at a rate of 6 yards per second. The run up the hill is 300 yards. Which equation could you use to find out how many seconds it takes Jack to run up the hill?

A. $6s = 300$

B. $s = 6(300)$

C. $s + 6 = 300$

D. $6 - s = 300$

Writing Equations for 300

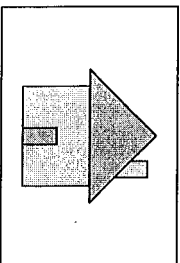
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B. $s = 6(300)$

C. $s + 6 = 300$

D. $6 - s = 300$



Writing Equations for 400

Jack is trying to save \$60 to buy a special gift for his mom. He has \$20 already saved. He mows lawns for \$8 per yard. Which equation could be used to find the number of lawns that Jack needs to mow?

A. $20L + 8 = 60$

B. $20(8) + L = 60$

C. $60L - 20 = 8$

D. $8L + 20 = 60$

Writing Equations for 400

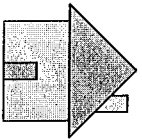
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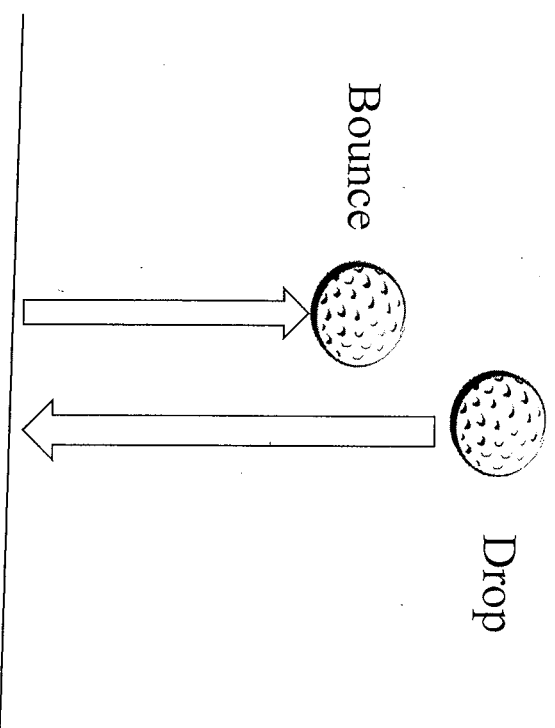
C. $60L - 20 = 8$

D. $8L + 20 = 60$



Writing Equations for 500

A golf ball will bounce to $\frac{3}{4}$ of the height from which it is dropped. A golf ball bounces to a height of 12 feet. Write an algebraic equation that could be used to find the “drop height” of the golf ball.



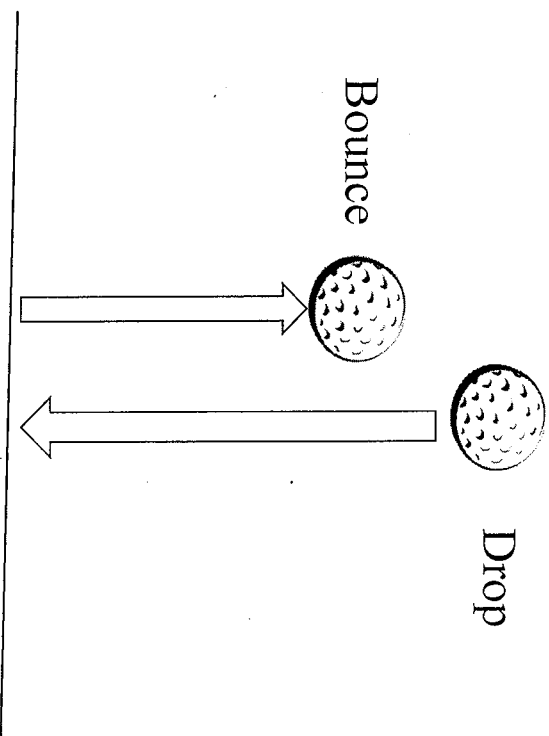
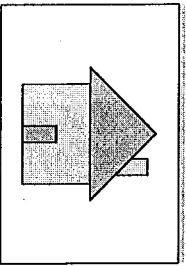
Writing Equations for 500

A golf ball will bounce to $\frac{3}{4}$ of the height from which it is dropped. A golf ball bounces to a height of 12 feet.

Write an algebraic equation that could be used to find the “drop height” of the golf ball.

Possible Answer:

$$\frac{3}{4}d = 12$$



Name: _____

Date: _____

Grade 6 Module 4 Part 2 Review (L. 18-34)

CCSS: 6.EE.B.5, 6.EE.B.6, 6.EE.B.7, 6.EE.B.8, 6.EE.A.2, 6.EE.C.9

9. Charles can borrow 4 books from the library per week. If he took all 4 books every week for 7 weeks, how many books will he have borrowed? Write an equation to represent this and answer the question using the equation.

*make sure the variable is part of the operation * See notebook pp. 45-46 **
*do work & check on backside **

10. Kelsey was 6 when Michaela was born. Complete the table:

Michaela's Age Kelsey's Age

2	
	10
10	
	21
m	
k-6	

How old was Michaela when Kelsey was 32?

How old was Kelsey when Michaela was 19?

11. Write **equations** (with an equal sign) to represent each scenario:

a. The cost (c) of 25 pretzels (p)

b. The total price of a cell phone (c) that has a rate of \$0.25 per text (t) and a monthly fee of \$20

c. Katie (k) has half the amount of money as Stephanie (s)

12. Solve the equations: **Show work and check.* use backside*

a. $2x - 7 = 25$

b. $\frac{x}{2} - 13 = 9$

c. $5x - 2x = 9$

d. $x + 4 - 2 + 8 = 14$

9. Work

Check

Target Statement: _____

12. a.
13. a.