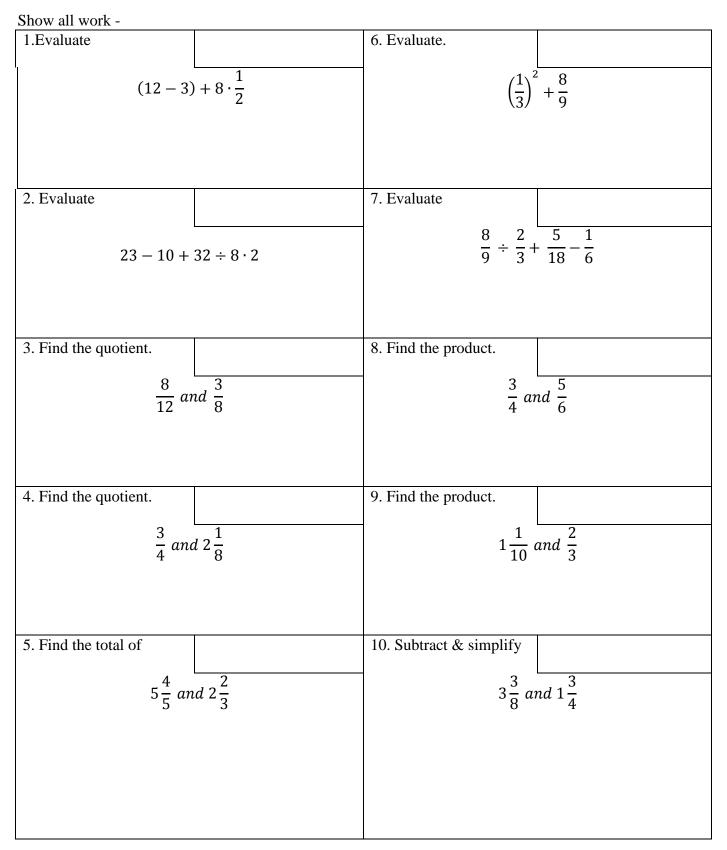
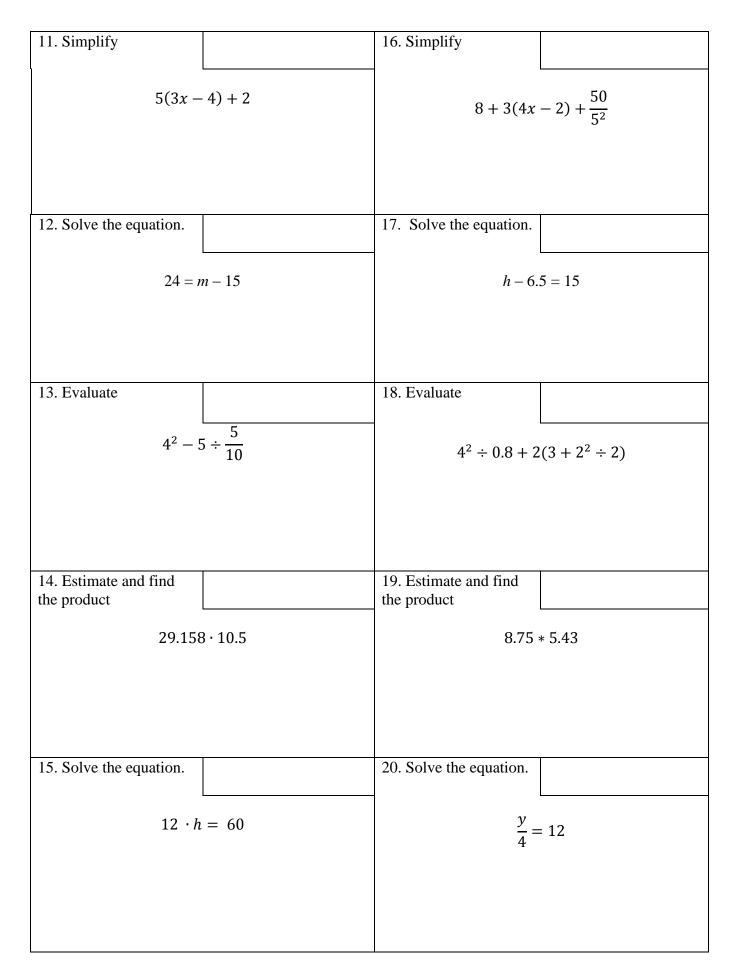
Name: _____

(Parent Signature)

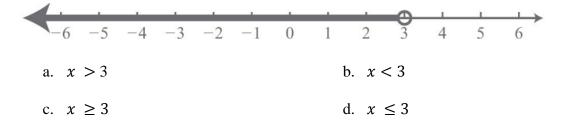
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6th Grade Practice Sheet 20





21) Which inequality represents the visual?



22) Jane's science teacher says they must complete at least 12 pages in their workbook a month to pass the class. What inequality represents this situation?

a.
$$x < 12$$
 b. $x > 12$

c. $x \ge 12$ d. $x \le 12$

23) Which equation demonstrates the distributive property?

a. $x \cdot 3 = 3 \cdot x$ b. $4(n \cdot 6) = 4n \cdot 6$ c. 3(x + 4) = 3x + 12d. $n \cdot \frac{1}{n} = 1$

24) A whiptail lizard has a tail that is twice as long as its body. The equation 2b = 6 describes the length of a certain whiptail lizard's tail in inches. If *b* is the length of the whiptail lizard's body, what is the total length of the lizard?

a.	12 inches	b).	4 inches

- c. 3 inches d. 8 inches
- 25) If b = 4, what is the value of $b^2 + 2b 4$? a. 4 b. 24 c. 12 d. 20

26) Simplify: $1 + 2(3^2)$

a. 19 b. 27 c. 37 d. 81

27) Simplify: $4^2 + \frac{(3)^2}{24}$

a.
$$8\frac{1}{4}$$
 b. $8\frac{3}{8}$
c. $16\frac{1}{4}$ d. $16\frac{3}{8}$

28) David's age is 4 less than twice Jason's age. Which of the following expressions best represents David's age in relation to Jason's age?

a.	2n - 4	b.	4 – 2 <i>n</i>
c.	4 <i>n</i> – 2	d.	2 – 2n

29) Which expression represents the phrase "a number decreased by seven"?

a.
$$7n$$
 b. $n-7$

 c. $7-n$
 d. $\frac{7}{n}$

30) Manny buys a bag of apples for \$7.99. There are 12 apples in the bag. What equation could he use to solve the cost of each apple?

a.
$$12 + x = 7.99$$

b. $\frac{x}{12} = 7.99$
c. $12x = 7.99$
d. $x - 7.99 = 12$