

Name _____

Score: _____

Basic Algebra

Evaluate each expression.



$a = 8,$

$b = 2,$

$c = 4$

1. $a + 12$ _____

3. $6b$ _____

5. $32 - a$ _____

7. $\frac{40}{b}$ _____

9. $a + b + c$ _____

2. $26 - c$ _____

4. $\frac{42}{c}$ _____

6. $24b$ _____

8. $a - 5$ _____

10. $\frac{c}{a}$ _____

$p = 25,$

$q = 6,$

$r = 75$

11. $q30$ _____

13. $p + 8 + 4$ _____

15. $10r$ _____

17. $\frac{p}{5}$ _____

19. $p - q$ _____

12. $\frac{p}{Q}$ _____

14. $p - 5$ _____

16. $\frac{r}{25}$ _____

18. $r - q$ _____

20. $\frac{50}{p}$ _____

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Basic Algebra **ANSWER KEY**



Evaluate each expression.

$a = 8,$

$b = 2,$

$c = 4$

1. $a + 12$ 20

2. $26 - c$ 22

3. $6b$ 12

4. $\frac{42}{c}$ 10.5

5. $32 - a$ 24

6. $24b$ 48

7. $\frac{40}{b}$ 20

8. $a - 5$ 3

9. $a + b + c$ 14

10. $\frac{c}{a}$.5

$p = 25,$

$q = 6,$

$r = 75$

11. $q \cdot 30$ 180

12. $\frac{p}{Q}$ 4.16

13. $p + 8 + 4$ 37

14. $p - 5$ 20

15. $10r$ 750

16. $\frac{r}{25}$ 3

17. $\frac{p}{5}$ 5

18. $r - q$ 69

19. $p - q$ 19

20. $\frac{50}{p}$ 2