

Name: _____

Algebraic Expressions

Evaluate each expression.

$$a = 3, \quad b = 5, \quad c = 6$$

1. $a + 5$ _____

2. $15 - c$ _____

3. $4b$ _____

4. $\frac{18}{c}$ _____

5. $20 - a$ _____

6. $11b$ _____

7. $\frac{45}{b}$ _____

8. $a - 2$ _____

9. $a + b + c$ _____

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

$$p = 12, \quad q = 2, \quad r = 30$$

11. $q50$ _____

12. $\frac{r}{q}$ _____

13. $p + 4 + 6$ _____

14. $p - 7$ _____

15. $10r$ _____

16. $\frac{r}{10}$ _____

17. $\frac{p}{4}$ _____

18. $r - p$ _____

19. $r - q$ _____

20. $\frac{48}{p}$ _____

Now try this: Write five of your own algebraic expressions on the back of this paper.
Have a friend solve them.

ANSWER KEY

Algebraic Expressions

Evaluate each expression.

$$a = 3, \quad b = 5, \quad c = 6$$

1. $a + 5$ 8

2. $15 - c$ 9

3. $4b$ 20

4. $\frac{18}{c}$ 3

5. $20 - a$ 17

6. $11b$ 55

7. $\frac{45}{b}$ 9

8. $a - 2$ 1

9. $a + b + c$ 14

10. $\frac{c}{a}$ 2

$$p = 12, \quad q = 2, \quad r = 30$$

11. $q50$ 100

12. $\frac{r}{q}$ 15

13. $p + 4 + 6$ 22

14. $p - 7$ 5

15. $10r$ 300

16. $\frac{r}{10}$ 3

17. $\frac{p}{4}$ 3

18. $r - p$ 18

19. $r - q$ 28

20. $\frac{48}{p}$ 4

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