

What Has 4 Legs But Only 1 Foot?

Name: _____

Class: _____

This worksheet focuses on factoring basic quadratic expressions. Factor each quadratic expression. All factors are linked to letters in the space below the questions. Cross off the factors (and their associated letter) for each expression. The remaining factors/letters will spell the answer to this riddle! (Note: Some factors are listed twice. Each repeating factor represents the same letter so either can be crossed off.)



1) $x^2 + 8x + 15$

2) $x^2 + 4x - 45$

3) $x^2 - 16x + 39$

4) $x^2 - 12x + 36$

5) $x^2 - 9x + 20$

6) $x^2 - 49$

7) $x^2 - 4x - 32$

8) $x^2 - 15x - 34$

9) $x^2 + 18x + 17$

10) $x^2 - 20x + 99$

11) $x^2 + 11x - 26$

12) $x^2 + x - 30$

13) $x^2 + 10x - 11$

14) $x^2 - 3x + 2$

15) $x^2 + 14x + 40$

16) $x^2 + 21x - 100$

V
(x - 11)

W
(x - 2)

U
(x - 9)

A
(x + 12)

F
(x - 3)

S
(x - 5)

I
(x - 1)

L
(x - 8)

B
(x - 14)

D
(x + 10)

O
(x + 6)

Y
(x + 7)

C
(x + 9)

T
(x + 1)

G
(x - 13)

J
(x + 4)

E
(x + 8)

H
(x - 6)

S
(x - 5)

I
(x - 1)

E
(x + 4)

Y
(x - 4)

R
(x - 7)

M
(x - 17)

R
(x + 11)

K
(x + 2)

W
(x - 2)

N
(x + 25)

A
(x + 3)

O
(x + 13)

K
(x + 17)

H
(x - 6)

D
(x - 15)

I
(x + 5)

Y
(x - 4)

P
(x - 5)

Answer: _____