

# Factoring trinomial : (a > 1) Worksheet

1)  $3x^2 - 2px$

8)  $5x^2 - 18x + 9$

2)  $2x^2 + 3nx$

9)  $4x^2 - 35x + 49$

3)  $3x^2 - 8nx$

10)  $4n^2 - 17n + 4$

4)  $5x^2 + 19rx - 2$

11)  $6x^2 + 7x - 49$

5)  $2x^2 + 11vx$

12)  $-6a^2 - 23a - 25$

6)  $7x^2 + 53ax - 3$

13)  $6n^2 + 5r - 6$

7)  $9x^2 + 66kx - 1$

14)  $16b^3 + 10b^2 - 1$

Factorials

nomials (a)

1)  $\frac{-5}{p-5}$   
 $\frac{1}{3}$   
 $\frac{3.5}{3}$

$\frac{1(3p-5)}{-5(p+1)}$

2)  $\frac{-9}{-3n-3}$   
 $\frac{-3n-3}{-3(n+1)}$

3)  $\frac{2n-3}{2n+4}$   
 $\frac{2n+4}{-2}$

4)  $\frac{4n+4}{(n+3)}$   
 $\frac{4}{n+3}$

5)  $\frac{10v+5}{v+1}$   
 $\frac{5}{v+1}$

6)  $\frac{3+2}{4}$   
 $\frac{3+2}{4}$

7)  $\frac{11+21}{22k+7}$   
 $\frac{11}{22k+7}$

8)  $\frac{28}{1.96}$   
 $\frac{2-98}{4.49}$

9)  $\frac{28}{1.96}$   
 $\frac{2-98}{4.49}$

10)  $\frac{28}{1.96}$   
 $\frac{2-98}{4.49}$

11)  $\frac{28}{1.96}$   
 $\frac{2-98}{4.49}$

12)  $\frac{28}{1.96}$   
 $\frac{2-98}{4.49}$

ring

= 15

15

5

2.9

1

2

3

10

2.5 3.4 =

1

2

3

5.12

1

2

3

4

5

6

= 16

1.1

2.5

28 =

1.196

2-98

4.49

8.5 - 1.18

5.1

9.2.3

4x.8

4x(2)

1.2

6.1

3.2

1.a

6.3

2.1

4.4

4.6

4.6

9 =

1.1

49

1.1

1.4 =

4.1

49

14

294

147

278

19

42

21

= 150

1.150

2.75

3.50

5.30

6.25

10.15

25 = 100

1.10

2.50

4.25

5.20