

Name: _____

Date: _____

FACTORIZING WORKSHEETS



Factor each completely

1. $-(4+1)^2 - 2 - 78a = -88a + 3 \cdot 17 + 2$

2. $-35x + 3 \cdot -4 + 1 = -(1+3)^2 - 40x$

3. $(4+2)^2 + 1 - 33e = -43e + 3 \cdot 5 + 2$

4. $(1+3)^2 + 8 - 20x = -26x + 3 \cdot 6 + 0$

5. $-44e + 5 \cdot -8 + 3 = -(1+1)^2 - 3 - 39e$

6. $57b + 3 \cdot -7 + 1 = (3+1)^2 + 3 + 54b$

7. $-62n + 3 \cdot 7 + 2 = (10+1)^2 + 22 - 70n$

8. $-17x + 3 \cdot 6 + 2 = (6+2)^2 + 12 - 21x$

9. $-87u + 7 \cdot 9 + 4 = (5+4)^2 + 10 - 84u$

10. $69q + 2 \cdot -4 + 0 = -(4+1)^2 - 4 + 66q$