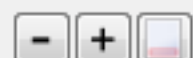


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0.99 pages



8 questions

Current question sets (3):

- 4 × Factoring Quadratic Expressions (a = 1)
- 2 × Factoring Quadratic Expressions (a is prime)
- 2 × Factoring Quadratic Expressions (a is prime)

Math 11C

Name _____

Factoring Hand-in #2

Date _____

Factor each completely. Includes decomposition.

$$1) \frac{p^3}{p} + \frac{p^2}{p} - \frac{20p}{p}$$

$$= p(p^2 + p - 20)$$

$$= p(p-4)(p+5)$$

3) $3v^2 + 9v$

2) $n^3 + n^2 - 2n$

$$\begin{array}{r} \textcircled{\times} - 20 \\ \textcircled{+} \quad 1 \\ \hline 1 \quad 20 \\ 2 \quad 10 \\ \textcircled{-4 \quad 5} \end{array}$$

4) $3x^3 + 42x^2 + 144x$

5) $2v^2 - 21v + 49$

6) $7n^2 - 74n + 40$

7) $7a^2 - 25a - 12$

8) $25x^2 - 65x - 140$