

3.2 Worksheet

2 a, b

3, b, c

4

2. a)

$$\frac{x^4 - 3x^3 + 2x^2 + 55x - 11}{x + 3} = (x^3 - 6x^2 + 20x - 5) + \frac{4}{x + 3}$$

b) $x \neq -3$ c) To check, multiply the divisor by the quotient and add the remainder.

3. b) $2x^2 - 20x + 85$ c) $2w^3 - 3w^2 + 4w - 10$

4. a) 233 b) -7 c) 36

Extra Practice

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