

Name : _____

Dividing Polynomials

Sheet 2

Divide by synthetic method.

1) $(3a^2 + 5a + 7) \div (3a + 2)$

2) $(9c^2 - 12) \div (c - 3)$

3) $(8m^4 - 6m^3 + 4m^2 - 2m + 1) \div (m - 1)$

4) $(t^2 + 7t + 12) \div (t + 6)$

5) $(10x^3 + 37x^2 + 40x + 20) \div (2x + 5)$

6) $(v^2 - 16v + 9) \div (v - 4)$

7) $(4h^2 + 5h + 3) \div (h - 2)$

8) $(8w^3 + 10w^2 + 6) \div (w + 1)$

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