

Name : _____

Dividing Polynomials

Divide by synthetic method.

1) $(p^4 + 6p^3 - 13p^2 + 23p - 8) \div (p + 8)$ 2) $(6t^2 - 47t - 63) \div (t - 9)$

3) $(25g^3 - 10g^2 + 2g - 1) \div (g + 2)$

5) $(y^2 - 6y + 8) \div (y - 2)$ 6) $(s^2 - 25) \div (s + 5)$

7) $(c^4 + 13c^3 + 48c^2 + 34c - 12) \div (c + 6)$ 8) $(-2w^3 + 12w + 18) \div (w - 3)$

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