

Dividing Polynomials

Divide by factorization method.

$$1) \quad \frac{36a^6 - 48a^5 + 16a^4}{6a^3 - 4a^2}$$

$$2) \quad \frac{(2m^2 - 5m + 3)(2m - 3)}{4m^2 - 12m + 9}$$

$$3) \quad \frac{(2g + h)(g^2 - h^2)}{2g^2 + 3gh + h^2}$$

$$\frac{b + 20}{2}$$

$$5) \quad \frac{18r^2 - 98}{(3r + 7)(3r - 7)}$$

$$\frac{5t^2(t - 3)}{2}$$

$$7) \quad \frac{(u - 7)^2(u - 4)}{u^2 - 11u + 28}$$

$$8) \quad \frac{8c^3 + 12c^2 - 16c - 24}{c^2 - 2}$$

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