

Divide

Worksheet # 3

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| 1.) $(12x^3 + 2x^2 + 2x) \div 6x^2$ | $2 + \frac{1}{3x} + \frac{1}{3x^2} x - 6 + \frac{7}{x-3}$ |
| 2.) $(30x^3 + 2x^2 + 24x) \div 6x^2$ | $5 + \frac{1}{3x} + \frac{4}{x^2}$ |
| 3.) $(4x^3 + 4x^2 + 8x) \div 4x^2$ | $x + 1 + \frac{2}{x}$ |
| 4.) $(2x^3 + 5x^2 + 2x) \div 8x^2$ | $\frac{x}{4} + \frac{5}{8} + \frac{1}{4x}$ |
| 5.) $(40x^3 + 4x^2 + 4x^2) \div 8x^2$ | $5x^2 + \frac{x}{2} + \frac{1}{2}$ |
| 6.) $(24x^3 + x^2 + 12x) \div 6x^2$ | $4 + \frac{1}{6x} + \frac{2}{x^2}$ |
| 7.) $(4x^3 + 18x^2 + x) \div 6x$ | $\frac{2x^2}{3} + 3x + \frac{1}{6}$ |
| 8.) $(2x^3 + 2x^2 + 24x^2) \div 6x^2$ | $\frac{x^2}{3} + \frac{x}{3} + 4$ |
| 9.) $(12x^3 + 4x^2 + 2x^2) \div 4x^2$ | $3x^2 + x + \frac{1}{2}$ |
| 10.) $(4x^3 + 16x^2 + 4x) \div 8x^2$ | $\frac{x}{2} + 2 + \frac{1}{2x}$ |