

Algebra 1.5

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Simplify each expression.

1) $\frac{5}{6v} - \frac{3u}{2u}$

2) $\frac{7a}{6a} - \frac{2}{5}$

3) $\frac{6m}{4m} - \frac{2}{2m^3}$

4) $\frac{6x}{3} - \frac{x+7y}{4x}$

5) $\frac{7x}{5x^2y} - \frac{2}{5}$

6) $\frac{3}{6xy} + \frac{4}{8y^2}$

$$7) \frac{x-5y}{8} - \frac{7x}{6x}$$

$$8) a + b + \frac{3b}{8a^5b}$$

$$9) \frac{6y}{2y^2} - \frac{8x}{7xy}$$

$$10) \frac{7v}{5v} - \frac{6u}{6v^2}$$

$$11) \frac{5a}{a+5} + \frac{6}{a-6}$$

$$12) 5 - \frac{8k}{k^2 - 2k - 24}$$

$$13) \frac{n+3}{28n-16} + 5n$$

$$14) \frac{6}{x+5} + \frac{6}{2x+2}$$

$$15) \frac{2}{5x} + \frac{2x-2}{x+1}$$

$$16) \frac{3v}{8} - \frac{4}{v-1}$$

$$17) \frac{8}{b-4} - \frac{6b}{b+6}$$

$$18) \frac{2}{2m+1} - \frac{3}{2}$$

$$19) \frac{7p}{4p} - \frac{5p}{2p+8}$$

$$20) \frac{2}{5x-4} - \frac{4}{x-3}$$