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1) $\frac{2x}{15}-\frac{3x}{20}+\frac{x}{12}=\frac{4∙2x-2∙3x+5x}{60}=\frac{8x-6x+5x}{60}=\frac{7x}{60}$

2) $\frac{4a}{25}-\frac{4a}{35}+\frac{8a}{21}=\frac{21∙4a-15∙4a+25∙8a}{525}=\frac{84a-60a+200a}{525}=\frac{224a}{525}=\frac{32a}{75}$

3) $\frac{m}{a-1}+\frac{n}{1-a}=\frac{m}{a-1}-\frac{n}{a-1}=\frac{m-n}{a-1}$

667

1) $3x∙\frac{y}{12x}=\frac{y}{4}$

2) $\frac{3ab}{4xy}∙\frac{10x^{2}y}{21a^{2}b}=\frac{5x}{2∙7a}=\frac{5x}{14a}$

3) $5x:\frac{15x}{y}=\frac{5x}{1}∙\frac{y}{15x}=\frac{y}{3}$

4) $\frac{12ab}{25c}:8a^{2}=\frac{12ab}{25c}∙\frac{1}{8a^{2}}=\frac{3b}{25c∙2a}=\frac{3b}{50ac}$