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Harjoittelua

Nimi: _____

1. Laske. Ympyröi vastaus laatikosta.

$$\frac{3}{10} + \frac{6}{10} = \underline{\quad} \quad \left| \quad \frac{5}{8} + \frac{3}{8} = \underline{\quad} = \underline{\quad} \quad \left| \quad \frac{1}{4} + \frac{2}{4} = \underline{\quad} \quad \left| \quad \frac{7}{9} + \frac{2}{9} = \underline{\quad} = \underline{\quad}$$

$$\frac{4}{7} + \frac{3}{7} = \underline{\quad} = \underline{\quad} \quad \left| \quad \frac{6}{15} + \frac{9}{15} = \underline{\quad} = \underline{\quad} \quad \left| \quad \frac{8}{20} + \frac{8}{20} = \underline{\quad} \quad \left| \quad \frac{8}{25} + \frac{13}{25} = \underline{\quad}$$

$\frac{9}{9}$	$\frac{15}{15}$	$\frac{19}{25}$	$\frac{9}{10}$	$\frac{16}{20}$	$\frac{15}{30}$	$\frac{3}{4}$	$\frac{7}{7}$	$\frac{21}{25}$	$\frac{8}{8}$
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2. Laske. Ympyröi vastaus laatikosta.

$$\frac{8}{9} - \frac{3}{9} = \underline{\quad} \quad \frac{9}{11} - \frac{4}{11} = \underline{\quad} \quad \frac{7}{12} - \frac{3}{12} = \underline{\quad} \quad \frac{13}{13} - \frac{4}{13} = \underline{\quad}$$

$$\frac{8}{10} - \frac{5}{10} = \underline{\quad} \quad \frac{15}{15} - \frac{7}{15} = \underline{\quad} \quad \frac{19}{20} - \frac{9}{20} = \underline{\quad} \quad \frac{14}{15} - \frac{6}{15} = \underline{\quad}$$

$\frac{9}{13}$	$\frac{5}{11}$	$\frac{10}{20}$	$\frac{3}{10}$	$\frac{8}{15}$	$\frac{11}{20}$	$\frac{4}{12}$	$\frac{7}{15}$	$\frac{5}{9}$	$\frac{8}{15}$
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3. Tee lasku ja laske.

Olli, Jalo ja Eena heittivät yhteensä 36 heittoa.

Jalo heitti heitoista $\frac{15}{36}$ ja Eena heitti heitoista $\frac{9}{36}$.

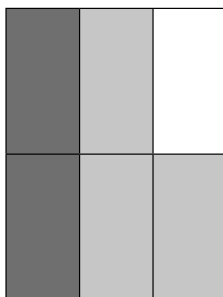
Kuinka suuren osan heitoista Olli heitti?

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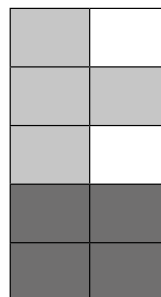
Kuinka suuren osan heitoista Olli ja Jalo heittivät yhteensä?

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4. Kuinka suuria osia eri alueet ovat koko kuvioista? Merkitse murtolukuna.



$$\begin{aligned} \text{Dark grey square} &= \underline{\quad} \\ \text{Light grey square} &= \underline{\quad} \\ \text{White square} &= \underline{\quad} \end{aligned}$$



$$\begin{aligned} \text{Dark grey square} &= \underline{\quad} \\ \text{Light grey square} &= \underline{\quad} \\ \text{White square} &= \underline{\quad} \end{aligned}$$