

On Saturday, Alex cycles for $\frac{2}{3}$ of an hour.

On Sunday, she cycles for $\frac{5}{12}$ of an hour.



- a) How many more hours does Alex cycle on Saturday than Sunday?
- b) How many more minutes does Alex cycle on Saturday than Sunday?

RECALL



Complete the subtractions.

Use bar models to help you.

a) $\frac{15}{8} - \frac{1}{2} =$

b) $1\frac{7}{8} - \frac{3}{4} =$

c) $1\frac{1}{2} - \frac{3}{8} =$

GUIDED
PRACTICE

LO: subtracting fractions from mixed numbers.

Some will even answer questions out of context.

Some will complete missing problems.

Most will answer word problems.

All will complete number sentences.

LEARNING HABIT RESILIENCE. |



$$3\frac{1}{4} - \frac{5}{24} = \square$$



$$3\frac{3}{16} - \frac{1}{8} = \square$$



$$2\frac{5}{6} - \frac{2}{3} = \square$$

INTELLIGENT
PRACTICE.

Dive deeper 1

A jug contains $1\frac{3}{5}$ litres of orange juice.

Eva pours $\frac{4}{15}$ litres into a glass.

How much orange juice is left in the jug?



Dive deeper 2

Find three different ways to complete the calculation.

$$3\frac{\square}{5} - \frac{\square}{20} = 3\frac{1}{20}$$

Are there any other ways to complete this calculation?

Dive deeper 3

Three children take part in throwing competitions.

Here is the table of results.

	Javelin	Shot Put	Discus
Dexter	$15\frac{1}{4}$ m	$7\frac{5}{12}$ m	
Amir	$13\frac{3}{8}$ m		$12\frac{7}{8}$ m
Annie		9 m	$11\frac{5}{12}$ m

Use the clues to complete the table.

- Annie's javelin throw is $\frac{11}{12}$ m less than Dexter's.
- Amir's shot put throw is $\frac{3}{4}$ m less than Annie's.
- Dexter's discus throw is $\frac{1}{2}$ m less than Amir's.

DIVE DEEPER



$$3\frac{1}{4} - \frac{5}{24} = \boxed{\begin{matrix} 3 \\ 1/24 \end{matrix}}$$



$$3\frac{3}{16} - \frac{1}{8} = \boxed{\begin{matrix} 3 \\ 1/16 \end{matrix}}$$



$$2\frac{5}{6} - \frac{2}{3} = \boxed{\begin{matrix} 2 \\ 1/6 \end{matrix}}$$

INTELLIGENT
PRACTICE.

Dive deeper 1

A jug contains $1\frac{3}{5}$ litres of orange juice.

Eva pours $\frac{4}{15}$ litres into a glass.

How much orange juice is left in the jug?



$1\frac{2}{15}$

Dive deeper 2

Find three different ways to complete the calculation.

$$3\frac{\square}{5} - \frac{\square}{20} = 3\frac{1}{20}$$

Are there any other ways to complete this calculation?

Dive deeper 3

Three children take part in throwing competitions.

Here is the table of results.

	Javelin	Shot Put	Discus
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DIVE DEEPER