

Class 4 Maths

Week 5

ANSWERS

Patterns and Connections

$$\frac{3}{100} = 0.03$$

Convert the hundredths into decimals

- $\frac{4}{100} = 0.04$

$$\frac{6}{100} = 0.06$$

- $\frac{2}{100} = 0.02$

$$\frac{8}{100} = 0.08$$

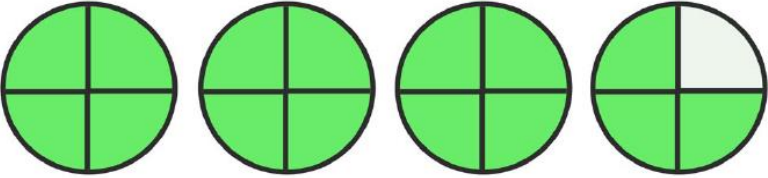
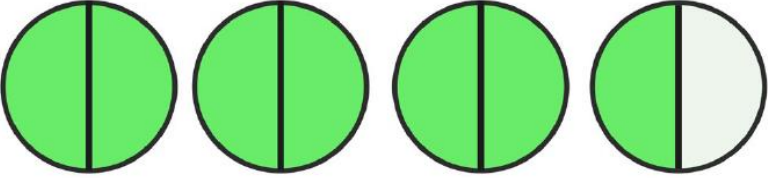
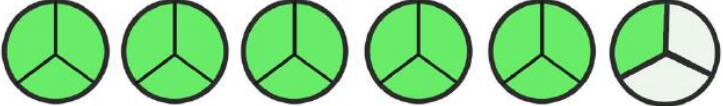
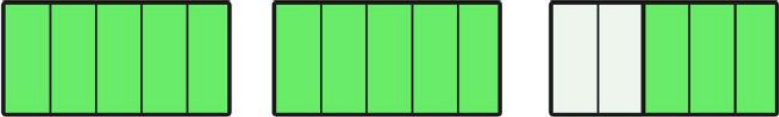
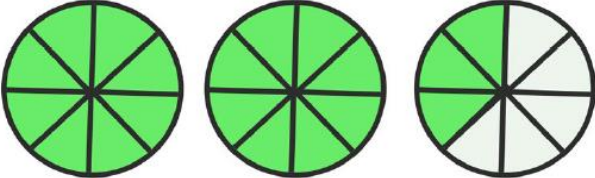
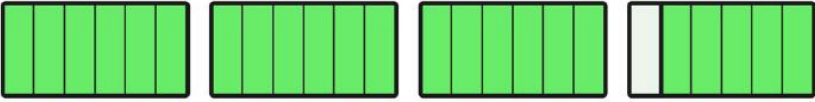
- $\frac{5}{100} = 0.05$

$$\frac{9}{100} = 0.09$$

- $\frac{10}{100} = 0.1$ (0.10 but you don't need to add the 0 in the hundredths)

Circle or write down the mixed number that is the same as the improper fraction. The first one has been done for you.

$\frac{13}{3}$	$2\frac{2}{3}$	$4\frac{1}{3}$	$5\frac{1}{3}$	$4\frac{2}{3}$	$2\frac{2}{3}$
$\frac{14}{4}$	$3\frac{2}{4}$	$4\frac{1}{2}$	$3\frac{1}{2}$	$4\frac{1}{4}$	$2\frac{1}{2}$
$\frac{16}{10}$	$1\frac{4}{10}$	$1\frac{2}{5}$	$1\frac{3}{5}$	$1\frac{6}{10}$	$1\frac{8}{10}$
$\frac{20}{6}$	$2\frac{2}{3}$	$3\frac{2}{6}$	$3\frac{2}{3}$	$2\frac{1}{3}$	$3\frac{1}{3}$
$\frac{19}{5}$	$4\frac{1}{5}$	$4\frac{2}{5}$	$3\frac{4}{5}$	$3\frac{3}{5}$	$5\frac{1}{5}$

	Improper Fraction		Mixed Number
a)	$\frac{15}{4}$		$3\frac{3}{4}$
b)	$\frac{7}{2}$		$3\frac{1}{2}$
c)	$\frac{16}{3}$		$5\frac{1}{3}$
d)	$\frac{13}{5}$		$2\frac{3}{5}$
e)	$\frac{19}{8}$		$2\frac{3}{8}$
f)	$\frac{23}{6}$		$3\frac{5}{6}$

Patterns and Connections

$$\frac{32}{100} = 0.32$$

Convert the hundredths into decimals

- $\frac{14}{100} = 0.14$

- $\frac{27}{100} = 0.27$

- $\frac{50}{100} = 0.5$

- $\frac{18}{100} = 0.18$

$$\frac{67}{100} = 0.67$$

$$\frac{85}{100} = 0.85$$

$$\frac{100}{100} = 1 \text{ whole}$$

Convert these improper fractions to mixed numbers.

(a) $\frac{8}{3}$ $2\frac{2}{3}$

(b) $\frac{12}{5}$ $2\frac{2}{5}$

(c) $\frac{21}{8}$ $2\frac{5}{8}$

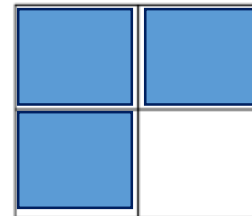
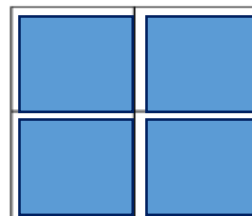
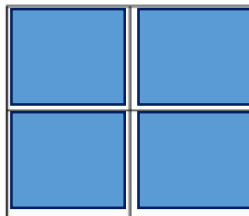
(d) $\frac{13}{7}$ $1\frac{6}{7}$

Have a go at these:

Problem Card 1

Use the following diagrams to show that

$$2\frac{3}{4} = \frac{11}{4}$$



Have a go at this:

Cakes are eaten at a party.

Each cake is cut into six slices.

38 slices are eaten.

What is the improper fraction? $\frac{38}{6}$

How many **whole** cakes were eaten at the party? $6\frac{2}{6}$ so **6 whole cakes**

How many cakes were there altogether? **7 cakes altogether**

Have a go at this:

Miss Lucas bakes trays of brownies.

Each tray contains nine brownies.

She gives 21 brownies away to family and friends.

What is the improper fraction? $\frac{21}{9}$

How many **whole** trays of brownies were given away? $2\frac{3}{9}$ so 2 whole trays

How many whole trays of brownies were there altogether? 3 trays.