

Solve It Strips®

INSPIRED elementary

BASIC FRACTIONS

Solve It Strips®

Fractions
Parts of a Whole

START:

$\frac{6}{8}$	
$\frac{2}{3}$	
$\frac{5}{6}$	
$\frac{4}{8}$	FINISH!

Directions:
Find the fraction for the shaded part of each shape. Put the strips in order from start to finish based on their answers.

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DIGITAL VERSION

HOW TO USE DIGITAL SOLVE IT STRIPS®

SAMPLE
(SUMS & DIFF. SET SHOWN)

Students begin by dragging the START strip to the Solve It Strip.

Solve It Strips

START: $1+1=$

10 $4+1=$

8 $5+1=$

2 $8+1=$

4 $2+1=$

3 $10+0=$

9 $2+2=$

5 $7+1=$

6 **FINISH!**

Sums + 10

START: $1+1=$

①

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Solve It Strips

START: $1+1=$

10 $4+1=$

8 $5+1=$

2 $8+1=$

4 $2+1=$

3 $10+0=$

9 $2+2=$

5 $7+1=$

6 **FINISH!**

Sums + 10

START: $1+1=$

①

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Next, they solve the problem given on the START strip (ex. $1+1=2$). So students find the strip that has a 2 in the answer box and drag that below the START strip.

Solve It Strips

START: $1+1=$

10 $4+1=$

8 $5+1=$

2 $8+1=$

4 $2+1=$

3 $10+0=$

9 $2+2=$

5 $7+1=$

6 **FINISH!**

Sums + 10

START: $1+1=$

①

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Solve It Strips

START: $1+1=$

10 $4+1=$

8 $5+1=$

4 $2+1=$

3 $10+0=$

9 $2+2=$

5 $7+1=$

6 **FINISH!**

Sums + 10

START: $1+1=$

2 $8+1=$

①

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Students continue on solving the problems on teach strip until they reach the FINISH strip. If students don't end up on the FINISH strip, they didn't do it correctly and need to try again (so it's self-correcting!)

Solve It Strips

START: $1+1=$

10 $4+1=$

8 $5+1=$

4 $2+1=$

3 $10+0=$

5 $7+1=$

6 **FINISH!**

Sums + 10

START: $1+1=$

2 $8+1=$

9 $2+2=$

①

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Solve It Strips

Sums + 10

START: $1+1=$

2 $8+1=$

9 $2+2=$

4 $2+1=$

3 $10+0=$

10 $4+1=$

5 $7+1=$

8 $5+1=$

6 **FINISH!**

①

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DIGITAL SOLVE IT STRIPS[®] ARE ENGAGING & FUN!

Solve It Strips[®]

Fractions
Parts of a Whole

START:

$\frac{6}{8}$

$\frac{5}{6}$

FINISH!

Directions:
Find the Fraction for the shaded part of each shape. Put the strips in order from start to finish based on their answers.

$\frac{2}{5}$

$\frac{7}{8}$

$\frac{6}{6}$

$\frac{2}{3}$

3

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15 DIFFERENT SOLVE IT STRIPS[®] IN EACH SET!

The image displays three overlapping 'Solve It Strips' worksheets, each featuring a 'Solve It Strips' logo and a 'START:' section with various fraction-related problems. The worksheets are designed for students to solve and then record their answers in provided boxes.

Worksheet 1: Fractions parts of a whole
Directions: Find the fraction for the shaded part of each shape. Put the strips in order from start to finish based on their answers.
Problems include: a circle with 3/8 shaded green, a circle with 2/8 shaded orange, and a fraction $\frac{6}{8}$.

Worksheet 2: Fractions on a Number Line
Directions: Find the fraction marked on each number line. Put the strips in order from start to finish based on their answers.
Problems include: a number line from 0 to 1 with a point at $\frac{3}{8}$, a number line from 0 to 1 with a point at $\frac{4}{8}$, and a number line from 0 to 1 with a point at $\frac{2}{7}$.

Worksheet 3: Equivalent Fractions
Directions: Find the equivalent fraction on each strip by using the given picture. Put the strips in order from start to finish based on their answers.
Problems include: $\frac{1}{2} = \frac{?}{5}$ (with a circle divided into 5 parts, 1 shaded), $\frac{2}{3} = \frac{?}{6}$ (with a circle divided into 6 parts, 2 shaded), $\frac{4}{6} = \frac{?}{3}$ (with a bar divided into 6 parts, 4 shaded), $\frac{2}{4} = \frac{?}{10}$ (with a bar divided into 10 parts, 2 shaded), $\frac{1}{2} = \frac{?}{5}$ (with a circle divided into 5 parts, 1 shaded), $\frac{2}{5} = \frac{?}{10}$ (with a circle divided into 10 parts, 2 shaded), $\frac{2}{10} = \frac{?}{4}$ (with a bar divided into 4 parts, 2 shaded), and $\frac{6}{8} = \frac{?}{3}$ (with a circle divided into 3 parts, 6 shaded).

EASY CORRECTING WITH ANSWER KEYS & RECORDING SHEETS

Answer Key - Basic Fractions

1

$\frac{1}{2}$
 $\frac{1}{6}$
 $\frac{1}{4}$
 $\frac{1}{11}$
 $\frac{1}{8}$
 $\frac{1}{5}$
 $\frac{1}{10}$

Parts of a Whole

2

$\frac{1}{3}$
 $\frac{4}{9}$
 $\frac{3}{4}$
 $\frac{3}{5}$
 $\frac{2}{7}$

Parts of a Whole

3

$\frac{2}{5}$
 $\frac{7}{8}$
 $\frac{6}{6}$
 $\frac{2}{3}$
 $\frac{5}{6}$
 $\frac{1}{8}$

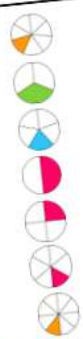
Parts of a Whole

4

$\frac{2}{7}$
 $\frac{1}{6}$
 $\frac{1}{2}$
 $\frac{1}{4}$
 $\frac{1}{8}$
 $\frac{2}{5}$
 $\frac{2}{12}$

Word Names

5



Word Names

6

$\frac{3}{4}$
 $\frac{2}{5}$
 $\frac{3}{5}$
 $\frac{1}{6}$
 $\frac{1}{3}$
 $\frac{2}{4}$
 $\frac{5}{6}$
 $\frac{2}{3}$

Missing Fractions

11

$\frac{2}{4}$
 $\frac{2}{5}$
 $\frac{4}{6}$
 $\frac{1}{4}$

Name: _____ Date: _____

Solve It Strips®

ANSWER RECORDING SHEET

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
START	START	START	START	START	START	START	START	START	START	START	START	START	START	START

