

Task: Equivalents

Approach: Independent

Year: 8

Focus: Conversions among fractions, decimals and percentages

Resources: Answer booklet



Questions / instructions:

% responses
y8

Fill in the empty boxes so that each row has an equivalent percentage and decimal.

The first one is done for you.

Fraction	Percentage	Decimal
$\frac{1}{2}$	50%	0.5
$\frac{1}{10}$	10%	.1
$\frac{1}{3}$	33.33% or $33\frac{1}{3}\%$.333 or .3
$\frac{3}{5}$	60%	.6
$\frac{3}{3}$	100%	1 or 1.0
$\frac{5}{4}$	125%	1.25

77
77
30
45
44
43
66
55
23
21

Total score: 10 13
8-9 15
6-7 17
4-5 15
2-3 23
0-1 18

Commentary:

Students were successful on simple conversions such as $\frac{1}{10}$ to 10% or .1 . They had difficulty, however, with conversions such as $\frac{5}{4}$ to 125% or 1.25. Roughly one in eight students got them all correct.