

# Ngā Hautanga — Fractions

*Approach:* Independent

*Focus:* Calculations with fractions.

*Resources:* None.

*Questions/instructions:*

Write your answers in the white boxes.

You can use the shaded area to do your working.

Tuhia ō whakautu ki roto i ngā pouaka mā. Ka taea e koe te tuhi ō tātaitanga ki runga i te wāhi kiwikiwi.

% responses  
GEd MI

1.	$\frac{1}{4} + \frac{1}{4} =$	$\frac{1}{2}$	24	18
2.	$\frac{2}{3} + \frac{1}{3} =$	1	21	7
3.	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	$1\frac{1}{2}$	34	32
4.	$\frac{2}{4} + \frac{3}{4} =$	$1\frac{1}{4}$	25	11
5.	$\frac{1}{2} + \frac{1}{4} =$	$\frac{3}{4}$	30	14
6.	$\frac{3}{4} + 4 =$	$4\frac{3}{4}$	46	18
7.	$3\frac{1}{3} + 2\frac{1}{3} =$	$5\frac{2}{3}$	26	9
8.	$\frac{3}{4} - \frac{1}{4} =$	$\frac{1}{2}$	13	7
9.	$\frac{1}{2} - \frac{1}{4} =$	$\frac{1}{4}$	29	16
10.	$6 - \frac{1}{2} =$	$5\frac{1}{2}$	36	18
11.	$\frac{3}{4} - \frac{1}{2} =$	$\frac{1}{4}$	24	16
12.	$5 \times \frac{1}{2} =$	$2\frac{1}{2}$	24	18
13.	$\frac{2}{3} \times 3 =$	2	12	7
14.	$\frac{1}{4} \times \frac{1}{2} =$	$\frac{1}{8}$	20	20
15.	$2\frac{1}{4} \times 3 =$	$6\frac{3}{4}$	11	7
16.	$\frac{1}{2} \div 2 =$	$\frac{1}{4}$	9	11
17.	$6 \div \frac{1}{3} =$	18	6	2
18.	$1\frac{1}{2} \div \frac{1}{2} =$	3	11	9

## Commentary

Māori students in general education (GEd) settings scored statistically significantly higher than students in Māori immersion (MI) settings.