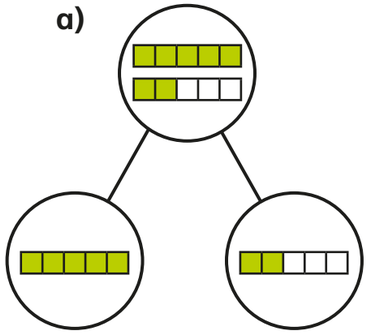
Fractions greater than 1

1 Complete the sentences.

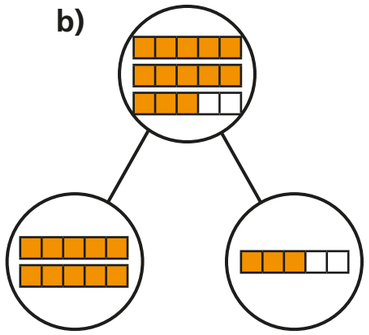
a)



There are 7 fifths altogether.

7 fifths = [1] whole + [2] fifths

b)

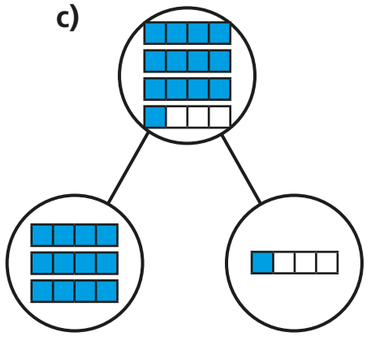


There are [13] fifths altogether.

[13] fifths = [2] wholes +

[3] fifths

c)



There are [13] quarters altogether.

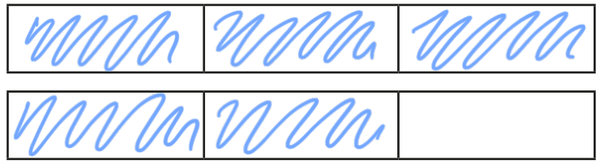
[13] quarters = [3] wholes +

[1] quarter

2 Shade the bar models to represent the fractions.

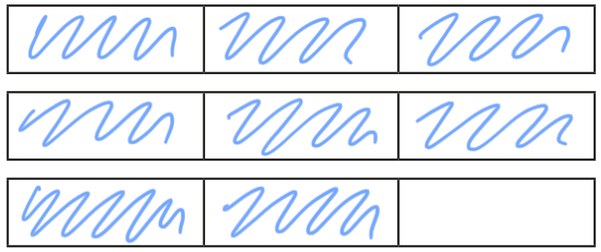
Complete the number sentences.

a) $\frac{5}{3}$



$\frac{5}{3}$ = [1] whole + [2] thirds = [$1\frac{2}{3}$]

b) $\frac{8}{3}$



$\frac{8}{3}$ = [2] wholes + [2] thirds = [$2\frac{2}{3}$]

c) $\frac{8}{5}$

$\frac{8}{5}$ = [1] whole + [3] fifths = [$1\frac{3}{5}$]

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3 Complete the statements.

a) $\frac{12}{2}$ = 6 wholes

b) $\frac{12}{4}$ = 3 wholes

c) $\frac{12}{6}$ = 2 wholes

d) $\frac{12}{3}$ = 4 wholes

e) $\frac{15}{3}$ = 5 wholes

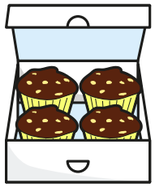
f) $\frac{15}{5}$ = 3 wholes

g) $\frac{15}{4}$ = 3 wholes + 3 quarters

h) $\frac{15}{2}$ = 7 wholes + 1 half

4 Whitney bakes 26 muffins.

Muffins are packed in boxes of 4



a) How many boxes can Whitney fill?

Whitney can fill 6 boxes.

b) How many more muffins does Whitney need to fill another box?

Whitney needs 2 muffins to fill another box.

Explain how you know.

She will fill 6 boxes with 2 left over so another 2 are needed to fill the seventh box.

How does writing $\frac{26}{4}$ help you to answer this?

5 Write <, > or = to complete the statements.

a) 2 wholes and 3 quarters > 5 quarters

b) 2 wholes and 3 quarters < 15 quarters

c) 2 wholes and 3 sixths = 15 sixths

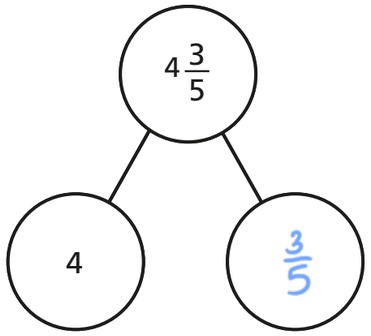
d) 2 wholes and 3 eighths > 15 eighths

e) $\frac{15}{3}$ > $\frac{15}{5}$

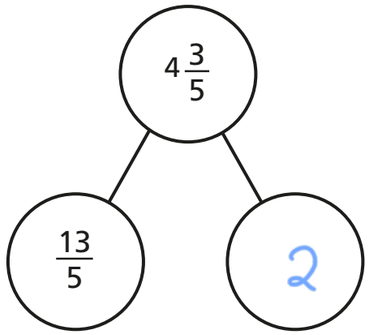
f) $\frac{15}{3}$ = $\frac{20}{4}$

6 Complete the part-whole models.

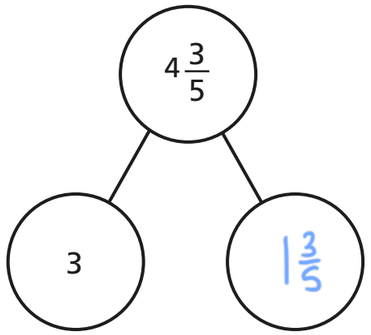
a)



c)



b)



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