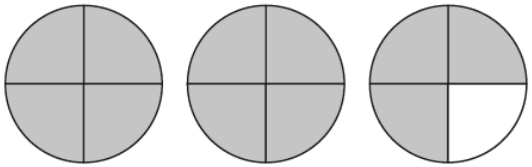
# MIXED NUMBERS TO IMPROPER FRACTIONS ANSWERS

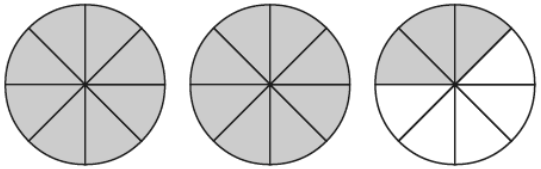
1.

a)



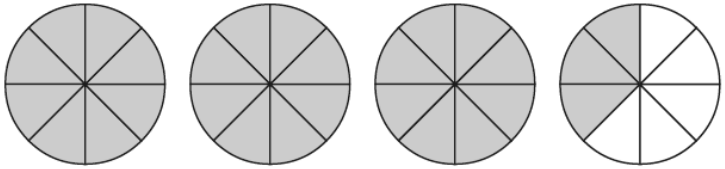
$2\frac{3}{4} = \frac{11}{4}$

b)



$2\frac{3}{8} = \frac{19}{8}$

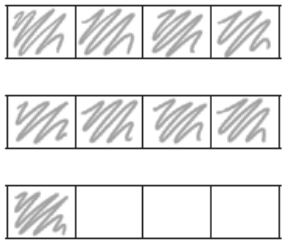
c)



$3\frac{3}{8} = \frac{27}{8}$

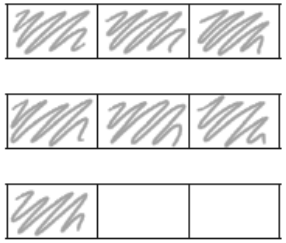
2.

a)



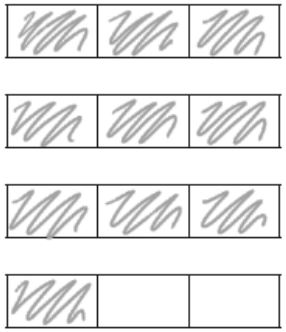
$2\frac{1}{4} = \frac{9}{4}$

b)



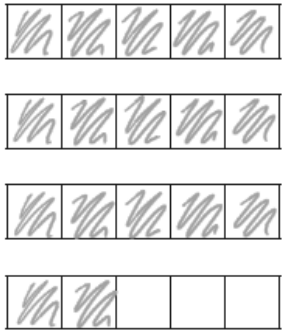
$2\frac{1}{3} = \frac{7}{3}$

c)



$3\frac{1}{3} = \frac{10}{3}$

d)



$3\frac{2}{5} = \frac{17}{5}$

3.

a) $2\frac{1}{7} = \frac{15}{7}$

$2\frac{2}{7} = \frac{16}{7}$

$2\frac{3}{7} = \frac{17}{7}$

$2\frac{4}{7} = \frac{18}{7}$

b) $3\frac{1}{5} = \frac{16}{5}$

$4\frac{1}{5} = \frac{21}{5}$

$5\frac{1}{5} = \frac{26}{5}$

$6\frac{1}{5} = \frac{31}{5}$

c) $5\frac{1}{2} = \frac{11}{2}$

$5\frac{1}{4} = \frac{21}{4}$

$5\frac{1}{8} = \frac{41}{16}$

$5\frac{1}{16} = \frac{81}{16}$

4.

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# MIXED NUMBERS TO IMPROPER FRACTIONS CHALLENGE ANSWERS

1.

Do you agree with Whitney? No

Explain your answer.

She has converted 4 wholes to $\frac{28}{7}$ but forgotten to add the extra seventh.

2.

| ○ | △ |
|---|---|
| 1 | 8 |
| 2 | 13 |
| 4 | 23 |
| 8 | 43 |
| 16 | 83 |
| 17 | 88 |
| 160 | 803 |