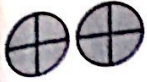


NS5-68: Mixed Fractions (Advanced)



There are 4 quarter pieces in 1 pie.

There are 8 (2×4) quarters in 2 pies.There are 12 (3×4) quarters in 3 pies.How many quarter pieces are in $3\frac{3}{4}$ pies?

12 pieces
(3×4) → $3\frac{3}{4}$ ← + 3 extra pieces

So there are 15 quarter pieces altogether.

1. Find the number of halves in each amount.

- a) 1 pie = _____ halves b) 2 pies = _____ halves c) 3 pies = _____ halves
 d) $2\frac{1}{2}$ pies = _____ halves e) $3\frac{1}{2}$ pies = _____ halves f) $4\frac{1}{2}$ pies = _____

2. Find the number of thirds or quarters in each amount.


- a) 1 pie = _____ thirds b) 2 pies = _____ thirds c) 3 pies = _____ thirds
 d) $1\frac{2}{3}$ pies = _____ thirds e) $2\frac{1}{3}$ pies = _____ thirds f) $4\frac{2}{3}$ pies = _____ thirds
 g) 1 pie = _____ quarters h) 2 pies = _____ quarters i) 5 pies = _____ quarters
 j) $2\frac{3}{4}$ pies = _____ quarters k) $5\frac{1}{4}$ pies = _____ quarters l) $5\frac{3}{4}$ pies = _____ quarters

3. A box holds 4 cans.

- a) 2 boxes hold _____ cans b) 3 boxes hold _____ cans c) 4 boxes hold _____ cans
 d) $2\frac{1}{4}$ boxes hold _____ cans e) $3\frac{1}{4}$ boxes hold _____ cans f) $4\frac{3}{4}$ boxes hold _____ cans

4. A box holds 6 cans.

- a) $2\frac{1}{6}$ boxes hold _____ cans b) $2\frac{5}{6}$ boxes hold _____ cans c) $3\frac{1}{6}$ boxes hold _____ cans

5. Pens come in packs of 6. Peter used $1\frac{5}{6}$ packs. How many pens did he use? _____6.  $\frac{1}{3}$ cup Jerome needs $4\frac{2}{3}$ cups of flour.

a) Which scoop should he use? _____

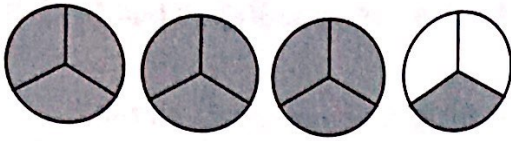
 $\frac{1}{4}$ cup

b) How many scoops will he need? _____

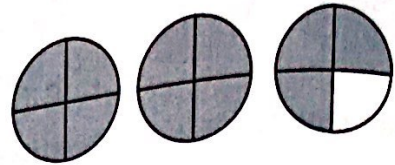
NS5-67: Mixed and Improper Fractions

1. Write these fractions as mixed fractions and as improper fractions.

a)



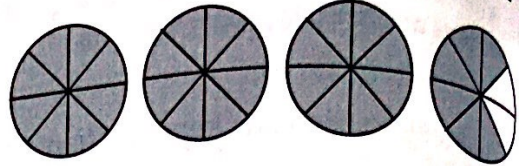
b)



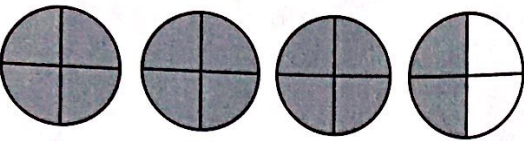
c)



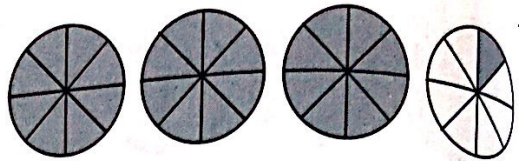
d)



e)

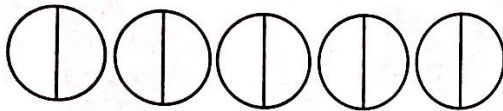


f)

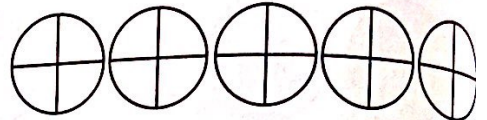


2. Shade the amount of pie given in bold. Then write an improper fraction for the amount of pie.

a) $4 \frac{1}{2}$



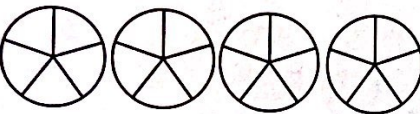
b) $2 \frac{3}{4}$



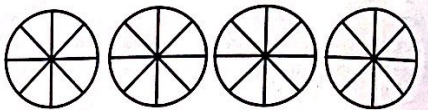
Improper Fraction: _____

Improper Fraction: _____

c) $2 \frac{2}{5}$



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

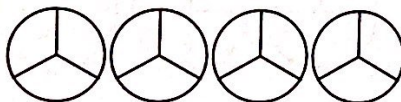


Improper Fraction: _____

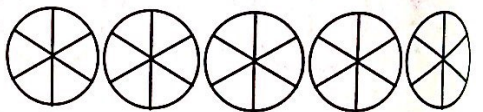
Improper Fraction: _____

3. Shade one piece at a time until you have shaded the amount of pie given in bold. Then write a mixed fraction for the amount of pie.

a) $\frac{10}{3}$



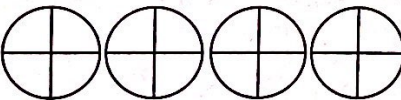
b) $\frac{22}{6}$



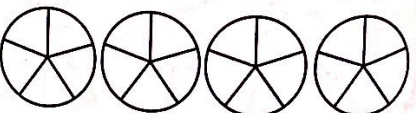
Mixed Fraction: _____

Mixed Fraction: _____

c) $\frac{9}{4}$



d) $\frac{17}{5}$



Mixed Fraction: _____

Mixed Fraction: _____

4. Draw a picture to find out which fraction is greater.

a) $3 \frac{1}{2}$ or $\frac{5}{2}$

b) $2 \frac{4}{5}$ or $\frac{12}{5}$

c) $4 \frac{1}{3}$ or $\frac{14}{3}$