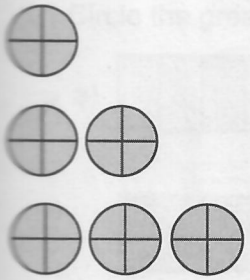
NS4-81: Mixed Fractions (Advanced)



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.

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1. Find the number of **halves** in each amount.

   a) 1 pie = _____ halves b) 2 pies = _____ halves c) 3 pies = _____ halves

   d) $1\frac{1}{2}$ pies = _____ halves e) $2\frac{1}{2}$ pies = _____ halves f) $3\frac{1}{2}$ pies = _____

2. Find the number of **thirds** in each amount.

   a) 1 pie = _____ thirds b) 2 pies = _____ thirds c) 3 pies = _____ thirds

   d) $1\frac{1}{3}$ pies = _____ thirds e) $2\frac{2}{3}$ pies = _____ f) $3\frac{1}{3}$ pies = _____

3. Find the number of **quarters** (or fourths) in each amount.

   a) 1 pie = _____ quarters b) 2 pies = _____ quarters c) 3 pies = _____ quarters

   d) $2\frac{1}{4}$ pies = _____ quarters e) $2\frac{3}{4}$ pies = _____ f) $3\frac{3}{4}$ pies = _____

4. A box holds 4 cans.

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

5. 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

6. Pens come in packs of 8. Dan used $1\frac{5}{8}$ packs. How many pens did he use? _____

7. Bottles come in packs of 6. How many bottles are in $2\frac{1}{2}$ packs? _____