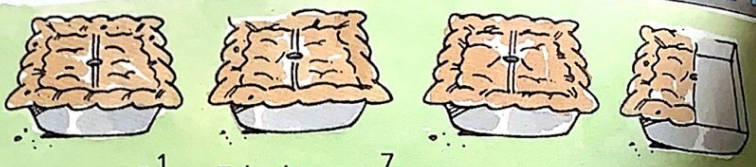
35 Castle kitchen

Fractions: mixed numbers, halves and quarters

Each guard is to have **half** of a venison pie.



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

Cook can feed **7 guards**.

1 How many guards can Cook feed with

(a) $6\frac{1}{2}$ pies **(b)** 2 pies **(c)** $8\frac{1}{2}$ pies **(d)** 5 pies **(e)** $9\frac{1}{2}$ pies?

2 Copy and complete:

(a) $4\frac{1}{2} = \frac{\quad}{2}$ **(b)** $1\frac{1}{2} = \frac{\quad}{2}$ **(c)** $6 = \frac{\quad}{2}$ **(d)** $5\frac{1}{2} = \frac{\quad}{2}$ **(e)** $7 = \frac{\quad}{2}$

I need 5 halves for 5 guards.

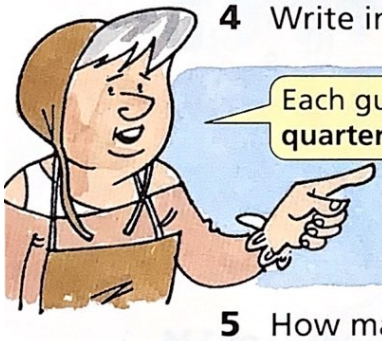
5 halves = $\frac{5}{2}$ = $2\frac{1}{2}$

Cook needs **$2\frac{1}{2}$ pies.**

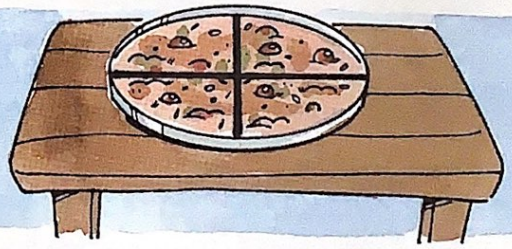
3 How many pies are needed to feed

(a) 3 guards **(b)** 8 guards **(c)** 13 guards **(d)** 17 guards?

4 Write in another way: **(a)** $\frac{7}{2}$ **(b)** $\frac{3}{2}$ **(c)** $\frac{10}{2}$ **(d)** $\frac{15}{2}$



Each guard is to have a **quarter** of a berry tart.



5 How many guards can Cook feed with

(a) 1 tart **(b)** 3 tarts **(c)** $3\frac{1}{4}$ tarts **(d)** $3\frac{3}{4}$ tarts

(e) $2\frac{1}{4}$ tarts **(f)** $4\frac{3}{4}$ tarts **(g)** $1\frac{1}{2}$ tarts **(h)** $5\frac{1}{2}$ tarts?

6 How many tarts are needed for

(a) 4 **(b)** 5 **(c)** 8 **(d)** 11 **(e)** 7 **(f)** 9 **(g)** 10 guards?

7 Write in another way:

(a) $1\frac{1}{4}$ **(b)** $1\frac{3}{4}$ **(c)** $2\frac{3}{4}$ **(d)** $4\frac{1}{4}$ **(e)** $\frac{12}{4}$ **(f)** $\frac{19}{4}$ **(g)** $\frac{13}{4}$ **(h)** $\frac{14}{4}$

Ask your teacher what to do next.