

Workout

Question 1: Find the reciprocal of each of the following

- (a) 2      (b)  $\frac{1}{4}$       (c)  $\frac{2}{3}$       (d)  $\frac{3}{10}$       (e)  $\frac{5}{2}$       (f)  $\frac{1}{3}$   
(g) 5      (h)  $\frac{4}{5}$       (i)  $\frac{2}{9}$       (j)  $\frac{20}{19}$       (k)  $\frac{1}{12}$       (l)  $\frac{13}{8}$   
(m)  $\frac{4}{3}$       (n) 1

Question 2: Find the reciprocal of each of the following

- (a)  $1\frac{1}{2}$       (b)  $1\frac{7}{10}$       (c)  $2\frac{1}{3}$       (d)  $4\frac{2}{3}$       (e)  $1\frac{4}{9}$       (f)  $6\frac{5}{6}$

Question 3: Find the reciprocal of each of the following

- (a) 0.5      (b) 0.8      (c) 2.5      (d) 0.02      (e) 1.9      (f) 1.375

Apply

Question 1: Find the missing numbers

- (a)  $\square \times \frac{1}{4} = 1$       (b)  $\square \times 6 = 1$   
(c)  $\frac{3}{4} \times \frac{4}{3} = \square$       (d)  $\frac{2}{9} \times \square = 1$

Question 2: Michael says that the reciprocal of a number is always larger than the number. Show Michael is wrong.

Question 3: Helen is thinking of a number.  
She then writes the reciprocal of the number.  
It is the same as her starting number.  
What number did Helen think of?

Question 4: What number does not have a reciprocal?