

Represent the fraction  $\frac{5}{8}$  by shading the circle and placing it on a number line

Which is equivalent to  $4\frac{1}{11}$ ?

a.  $4.\overline{090}$       c.  $4.\overline{09}$   
 b. 4.9            d.  $4.\overline{90}$

**Simplify:**

**$5 + 3(n + 1) + n$**

**Which statement is true?**

a.  $0.5 = 5\%$   
 b.  $0.1\% = 0.001$   
 c.  $120\% = .120$

Which numbers are rational? Circle them.

1.89             $\pi$   
 $0.\overline{7}$              $\sqrt{3}$

**Find the median**

Age	Number of Students
5	7
6	3
7	3

What percent of the voters voted for candidate Smith?

**Jason can plant 20 trees in 6 hours. How many trees can he plant in 9 hours?**

$n = 3.25$

Which does NOT describe  $n$ ?

a. rational number  
 b. integer  
 c. terminating decimal

Of the 800 students in our school, 77% ride the bus. How many students do not ride the bus?

Which proportion helps answer:  
14 is 56% of what number?

$$\frac{14}{56} = \frac{x}{100} \qquad \frac{x}{14} = \frac{56}{100}$$

$$\frac{56}{x} = \frac{14}{100} \qquad \frac{14}{x} = \frac{56}{100}$$

Kelly earned 80% on a test. She answered 28 problems correctly. How many questions were on the test?

Use a proportion to solve.

Which statement is true?

- a)  $3.75 < -1\frac{1}{2}$
- b)  $\frac{5}{4} < 1.28$
- c)  $-\frac{1}{4} > -0.25$

Which does not belong?

$$\frac{x}{55} = \frac{60}{100} \qquad \frac{x}{55} = \frac{6}{10}$$

$$\frac{x}{55} = \frac{40}{60} \qquad \frac{x}{55} = \frac{3}{5}$$

Of the 800 students in the school, 38% brought a lunch today.

How many students did not bring a lunch today?