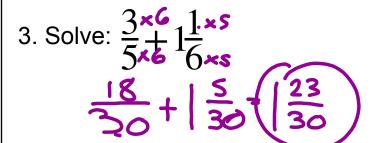
Warm - Up

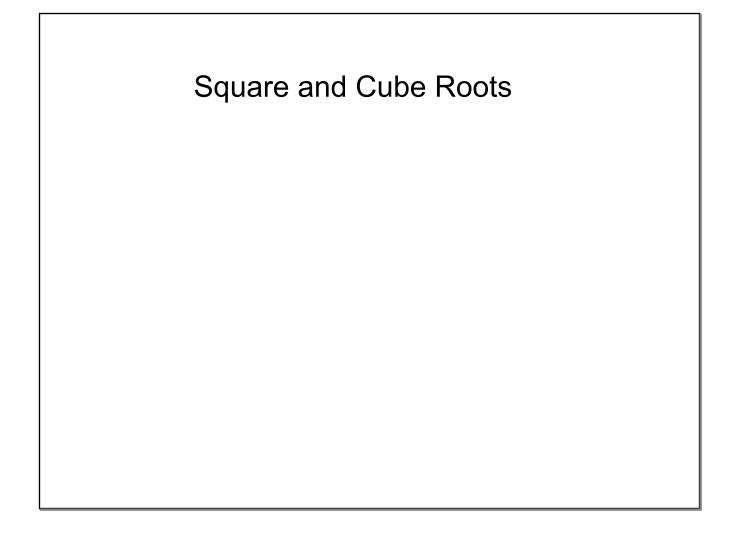
1.Convert the following to a decimal: $\frac{5}{8}$



2. Convert the following to reduced fractions: 1.45, 0.64



1 764



Perfect Square = numbers that are made from squaring an integer

$$1^{2} = 1$$
 $9^{2} = 81$
 $2^{2} = 4$ $10^{2} = 100$
 $3^{2} = 9$ $11^{2} = 121$
 $4^{2} = 16$ $12^{2} = 144$
 $5^{2} = 25$ $13^{2} = 169$
 $6^{2} = 36$ $14^{2} = 196$
 $7^{2} = 49$ $15^{2} = 225$
 $8^{2} = 64$ $16^{2} = 256$

Square root - one of two equal factors in a number

1 ³ •	1
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$$3^3 = 27$$

$$7^3 = 343$$

$$9^3$$
: 72 9

$$10^3 = 1,000$$

Cube Roots:

- One of three equal factors in a number

$$\sqrt[3]{8} = 2$$

$$\sqrt[3]{125} = 5$$

$$\sqrt{64}$$
 = 8

$$\sqrt[3]{64} = 4$$

Estimating Square Roots

Estimate to the nearest whole number

