Fractions and Decimals That Are Equal
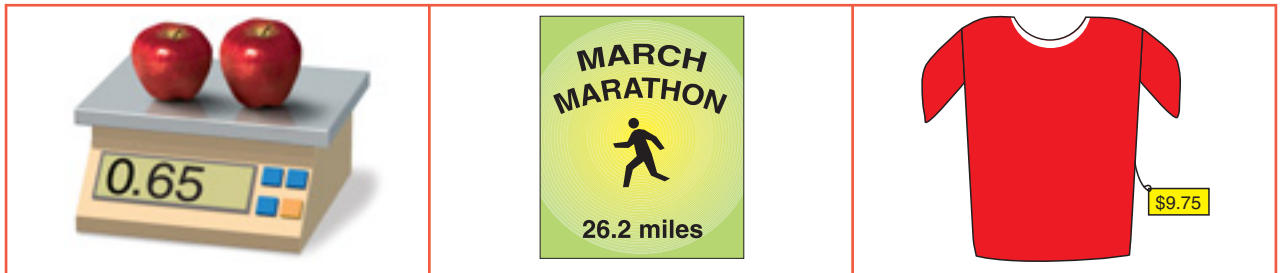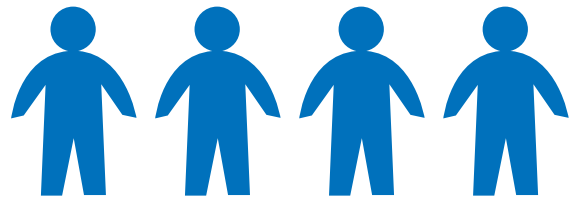
Numbers that include decimal points are called decimals.
Some numbers can be written as either fractions or decimals.

0.65

MARCH MARATHON
26.2 miles

$9.75

These problems can be answered by using fractions or decimals.

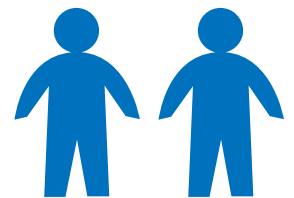Four people share one dollar equally. How much money
does each person get?

Fraction answer:
Each person gets $\frac{1}{4}$ dollar.

Decimal answer:
Each person gets $0.25.

$$\frac{1}{4} = 0.25$$

Two people share three dollars equally.
How much money does each person get?

Fraction answer:
Each person gets $1\frac{1}{2}$ dollars.

Decimal answer:
Each person gets $1.50.

$$\frac{1}{2} = 0.50$$