☐ **calculating fractions of a number**

$\dfrac{1}{2}$ of 24 = $\dfrac{1}{4}$ of 48 = $\dfrac{3}{4}$ of 36 =

$\dfrac{4}{10}$ of 80 = $\dfrac{3}{5}$ of 60 = $\dfrac{5}{8}$ of 64 =

☐ **calculating percentages**

10% of 80 =   15% of 200 =   36% of 250 =

reduce 80 by 10% =   reduce 280 by 40% =

A shirt that normally costs $35 is discounted by 20%. What is the discounted price? _____

☐ **reducing fractions to their simplest form**

Reduce each fraction to its simplest form?

$\dfrac{20}{40}$ = $\dfrac{5}{20}$ = $\dfrac{12}{36}$ = $\dfrac{24}{36}$ = $\dfrac{24}{30}$ =

☐ **adding and subtracting fractions with common denominators**

$\dfrac{4}{10} + \dfrac{5}{10}$ = $\dfrac{9}{20} + \dfrac{6}{20}$ = $\dfrac{18}{30} - \dfrac{8}{30}$ =

☐ **problem solving**

a) Andrea ate ¹/₄ of a pizza. Henry ate half of the pizza. What fraction of the pizza is left? _____

Name: _____

b) Julie has 200 tokens. She gives a fifth to Jack and half to Mary. How many tokens does Julie have left? _____

c) High Mountain School has 500 students. 25% of the students get driven to school, 15% catch a bus and the rest walk. How many students walk to school? _____

d) Jesse's uncle made him a birthday cake for his party. During the party 26/80 of the cake was eaten. Jesse then took 18/80 to school to give to his friends.
What fraction of the cake is gone? _____
What fraction of the cake is left? _____

unit rate problems

a) 6 apples cost $4.20. What is the cost of 18 apples? _____

b) 8 bananas cost $3.20. What is the cost of 18 bananas? _____

c) Mary took 8 hours to mow 5 lawns. At that rate, how many lawns could she mow in 32 hours? _____

d) Sam cycled 60 km in 3 hours. At that rate, how far would he cycle in 5 hours 30 minutes? _____

adding, subtracting and multiplying decimals

$30.6 + 8.4 =$ $12.78 + 4.7 =$

$14.624 - 7.42 =$ $17.6 - 6.38 =$

$9.8 \times 6 =$ $14.32 \times 5 =$

$0.562 \times 10 =$ $2.367 \times 100 =$