

Show all work. No Calculator. Due the second day of school

Find each product or quotient

1. $785 \times 60 =$	2. $5,764 \times 500 =$	3. $68,834 \div 7 =$
4. $8,236 \times 58 =$	5. $4,562 \div 34 =$	6. $675 \times 574 =$

Write each problem in expanded form.

1. 7^5	2. 2^6	3. 3^5
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Simplify

1. 4^3	2. 6^4	3. 2^0
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Evaluate each expression.

1. $(24 - 6) \times 2$	2. $24 \div 6 \times 2$	3. $24 \div (6 \times 2)$
4. $24 \times 6 - 2$	5. $24 - 6 \times 2$	6. $24 - 6 + 2$

Solve each problem.

1. Stacy collects money from her newspaper route three days a week. Each day she collects from 21 families. How many families does she collect from each week?

2. If Stacy collects \$5 a week from each family, how much does she collect in one week

Compare. Use $>$, $<$, or $=$ for each.

1. 3,527.796205 _____ 3,257.796205	2. 0.065517 _____ 0.065551
3. 563.09999 _____ 563.099999	4. 0.00013 _____ 0.01013

Simplify

1. $3.27 + 6.75$	2. $19.5 + 56.1$	3. $248.3 - 105.9$	4. $77.86 - 24.35$
5. 11.4×12.9	6. 8.73×9.24	7. $49.42 \div 6.8$	

Solve

1. Carolyn spent \$19.25 on posters at the music store. Each poster cost \$2.75. How many posters did she buy?

2. Ray is a cross country runner. If he runs an average of 36 miles per week, about how many miles does he run each day?

Express each fraction as a decimal.

1. $\frac{6}{25}$	2. $\frac{9}{20}$	3. $\frac{8}{250}$	4. $\frac{13}{50}$
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Write <, >, or = for each.

1. $\frac{7}{10}$ $\frac{4}{5}$	2. $\frac{2}{10}$ $\frac{1}{6}$	3. $\frac{7}{9}$ $\frac{3}{5}$
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Express each fraction in simplest form.

1. $\frac{25}{45}$	2. $\frac{15}{35}$	3. $\frac{81}{90}$	4. $\frac{64}{80}$
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Find each sum or difference, reduce if necessary.

1. $\frac{1}{4} + \frac{2}{4}$	2. $\frac{2}{5} - \frac{1}{3}$	3. $\frac{1}{6} + \frac{4}{5}$
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Find the product or quotient, reduce if necessary.

1. $\frac{3}{4} \times \frac{2}{6}$	2. $\frac{4}{3} \div \frac{1}{6}$	3. $\frac{2}{5} \times \frac{4}{9}$
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Express each decimal as a percent.

1. 0.39	2. 0.75	3. 0.875	4. 0.1
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Solve each proportion. 1. $\frac{18}{27} = \frac{n}{3}$ 2. $\frac{2}{6} = \frac{5}{n}$ 3. $\frac{1}{2} = \frac{n}{30}$

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Solve for the missing number

1. $3 + x = 5$	2. $4n = 16$	3. $\frac{x}{2} = 5$
4. $3x = 12$	5. $x - 5 = 12$	6. $x + 7 = 12$