10/13/16 CCM6 CCM6+

1. Write in agenda...HW is Review Tests 1-3 and packets 1-3 for retest Wed 10/26

2. Get out your warm-up page from yesterday.

3. Before class is over, check your mail!

Warm-ups

1. $3^2 + 16 \div (10 - 2)$

2. Find the prime factorization of 60.

3. What is the product of 8.62 x 1.1?

   A) 0.9482 B) 9.482 C) 94.82 D) 948.2

Warm-ups

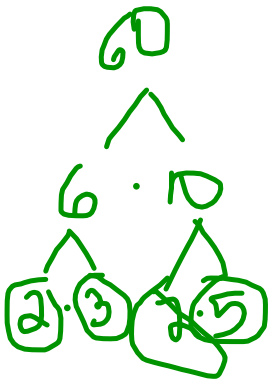
1. $3^2 + 16 \div (10 - 2)$

$9 + 16 \div 8$

$9 + 2$

11

2. Find the prime factorization of 60.



$2^2 \cdot 3 \cdot 5$

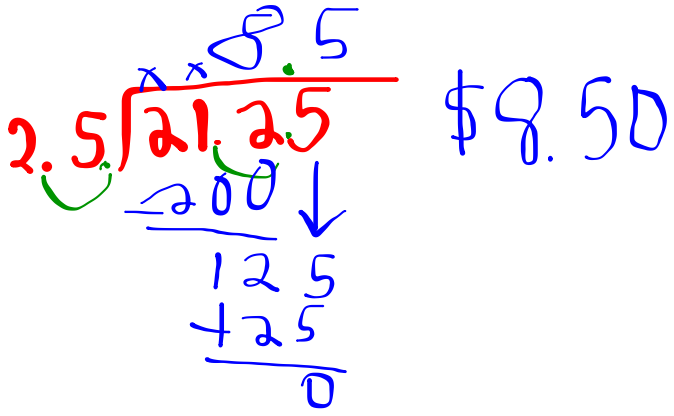
3. What is the product of 8.62 x 1.1?

$9 \times 1 = 9$

A) 0.9482 B) 9.482 C) 94.82 D) 948.2

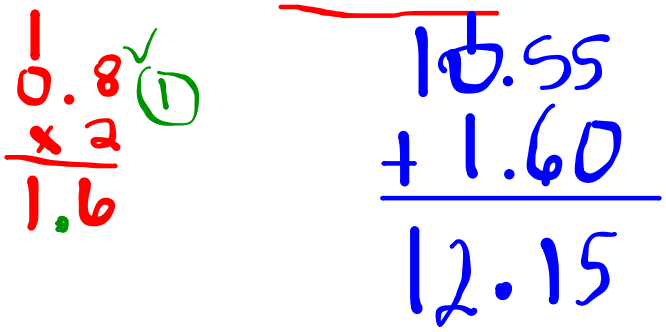
TEST #10

Babysat 2.5 hours earned $21.25



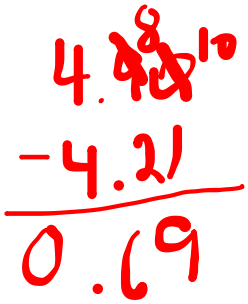
TEST #5

$10.55 + 0.8 \times 2$



TEST #7

4.21 4.90



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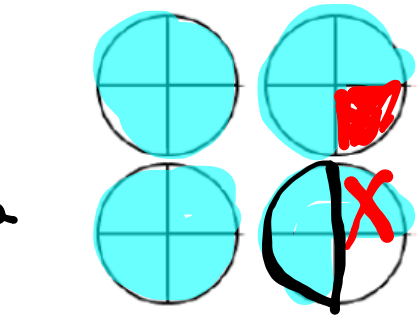
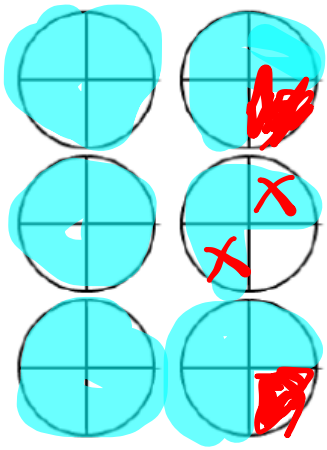
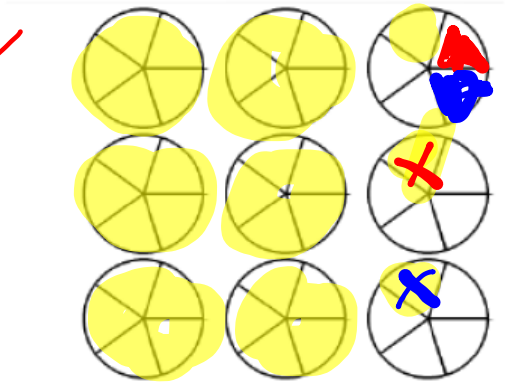
Multiply Fractions with Pictures



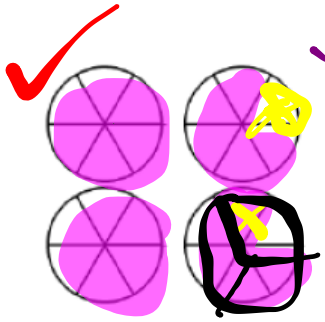
$1\frac{3}{4} \times 2 =$



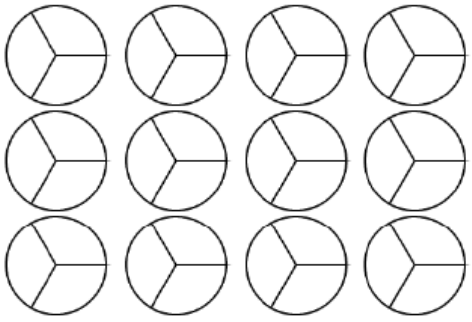
$1\frac{3}{4} \times 3 =$



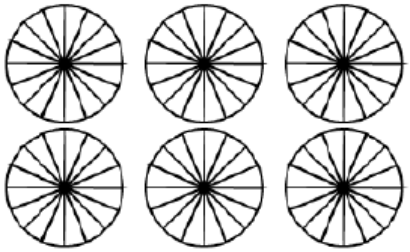
$2\frac{1}{5} \times 3 =$



$1\frac{5}{6} \times 2 =$



$3\frac{1}{3} \times 3 =$



$2\frac{5}{16} \times 2 =$

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Multiplying Fractions: Notes

Yippee! I don't need a.....	Common denominator
Instead, I get rid of whole numbers... • proper • improper	8 becomes $\frac{8}{1}$ 6 becomes $\frac{6}{1}$ $1\frac{2}{3}$ becomes $\frac{5}{3}$ $7\frac{3}{5}$ becomes $\frac{38}{5}$
If you cancel... (÷ *tops and bottoms*)	it becomes a lot easier!
My answer still must be:	proper and Simplified

Practice Problems

1) $\frac{7}{8} \cdot \frac{4}{5} = \frac{7}{10}$	2) $\frac{1}{12} \cdot \frac{3}{10} = \frac{3}{8}$
3) $\frac{12}{1} \cdot \frac{5}{6} = \frac{10}{1} = 10$	4) $18 \cdot \frac{7}{9}$
5) $3\frac{2}{3} \cdot \frac{9}{11}$	6) $2\frac{1}{2} \cdot 1\frac{1}{5}$

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I ate $\frac{3}{5}$ of the pie. If the pie had 10 slices, how many slices are left?

TOPIC 4-I: Review: Addition, Subtraction, Multiplication

C-62

MIDDLE SCHOOL MATH WITH PIZZAZZ! BOOK C

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What Is the Difference Between a Well-Dressed Lady and a Tired Dog?

w/ calculator

Do each exercise below and find your answer in the appropriate answer column. Notice what is written in the two boxes next to the answer. Write the same thing in the two boxes above the exercise number at the bottom of the page.

(1) $\frac{3}{8} + \frac{1}{2}$ (2) $\frac{3}{4} - \frac{1}{3}$ (3) $\frac{2}{3} + \frac{5}{6}$ (4) $\frac{11}{12} - \frac{1}{4}$ (5) $\frac{1}{2} + \frac{7}{9}$

(6) $7\frac{9}{10} - 4\frac{2}{5}$ (7) $2\frac{1}{4} + 3\frac{9}{16}$ (8) $12\frac{5}{8} - 8\frac{1}{6}$ (9) $4\frac{2}{3} + 1\frac{4}{5}$ (10) $9\frac{1}{2} - 5\frac{3}{4}$

(11) $\frac{2}{3} \times \frac{7}{8}$ (12) $\frac{3}{10} \times \frac{8}{9}$ (13) $\frac{5}{12} \times \frac{1}{5} \times 8$

(14) $\frac{3}{8}$ of 24 (15) $1\frac{3}{4} \times 2\frac{2}{5}$ (16) $7\frac{1}{2} \times 1\frac{5}{9}$

(17) $\frac{7}{16}$ of 20 (18) $3\frac{5}{6} \times 12$ (19) $2\frac{7}{10} \times 2\frac{7}{10} \times \frac{1}{3}$

(20) Hats R Us received a shipment of 60 novelty baseball caps. Of the caps, $\frac{1}{3}$ had bug antennae, $\frac{2}{5}$ had moose antlers, and the rest had plastic propellers. How many of the caps had plastic propellers?

Answers 1 – 10:

A P	$6\frac{4}{15}$
T S	$1\frac{5}{18}$
■ W	$3\frac{3}{4}$
D Y	$1\frac{1}{2}$
E ■	$5\frac{13}{16}$
R S	$\frac{7}{8}$
L O	$4\frac{7}{24}$
H E	$3\frac{1}{2}$
■ T	$\frac{2}{3}$
O G	$6\frac{7}{15}$
V E	$1\frac{1}{18}$
■ A	$\frac{5}{12}$
A R	$5\frac{15}{16}$
■ S	$4\frac{11}{24}$

Answers 11 – 20:

T E	$3\frac{7}{10}$
■ D	$8\frac{3}{4}$
T H	$\frac{7}{12}$
O D	13
R T	$4\frac{1}{5}$
E A	46
T ■	$\frac{2}{5}$
N D	$\frac{2}{3}$
A N	16
S A	$9\frac{3}{4}$
■ A	$\frac{4}{15}$
L A	$11\frac{2}{3}$
K I	$2\frac{43}{100}$
■ P	9

11	7	16	3	10	18	1	12	8	19	15	2	13	4	6	17	9	14	20	5

HW...study units 1-3 tests and packets!