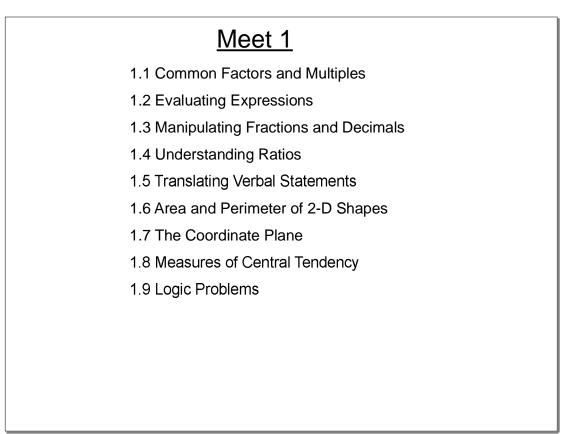


Meet 1

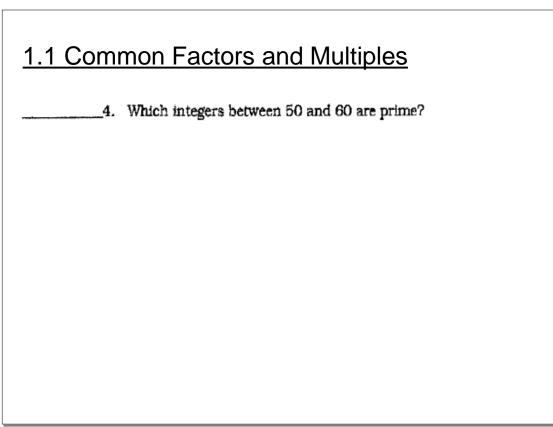
Aug 2-7:22 PM



1.1 Common Factors and Multiples

____1. List all prime numbers between 160 and 170.

Oct 22-9:49 PM



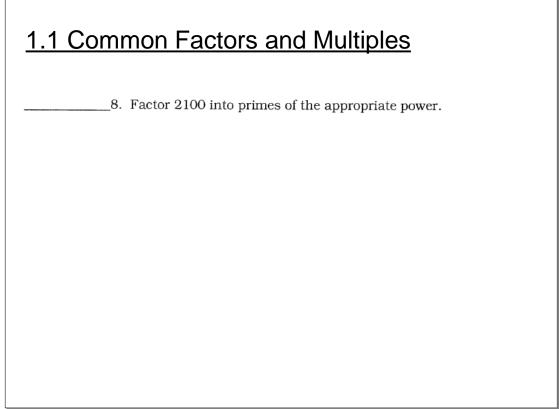
1.1 Common Factors and Multiples

____2. What is the greatest common factor between 78 and 84?

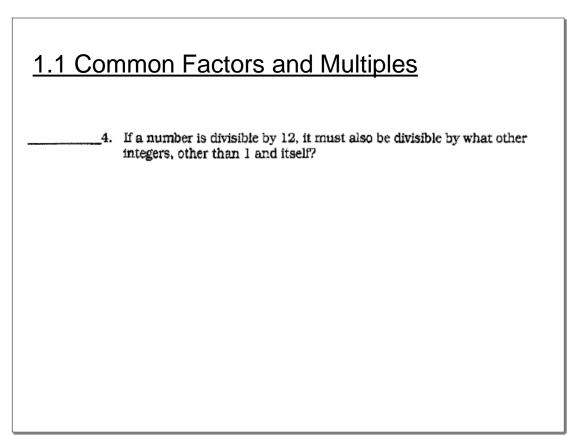
Oct 22-9:56 PM

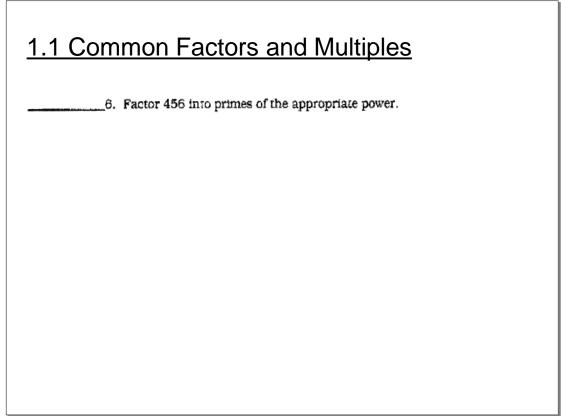
1.1 Common Factors and Multiples

_5. How many factors does 180 have?

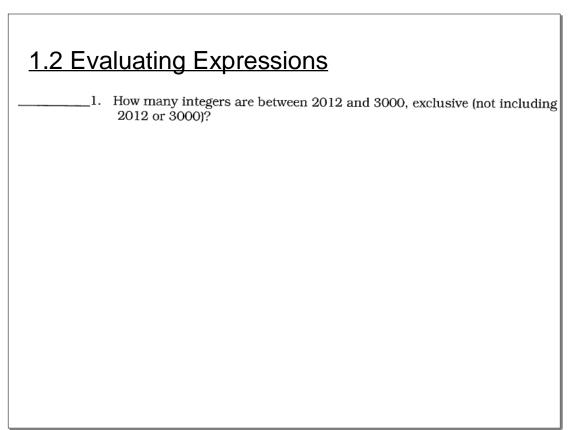


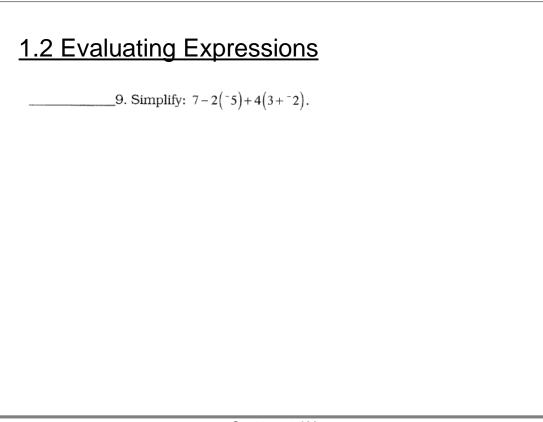
Oct 22-9:56 PM



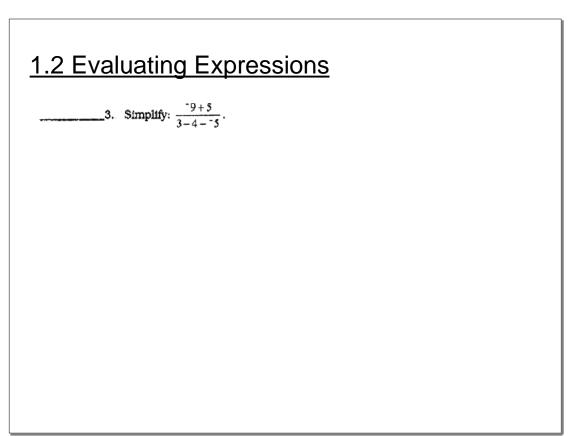


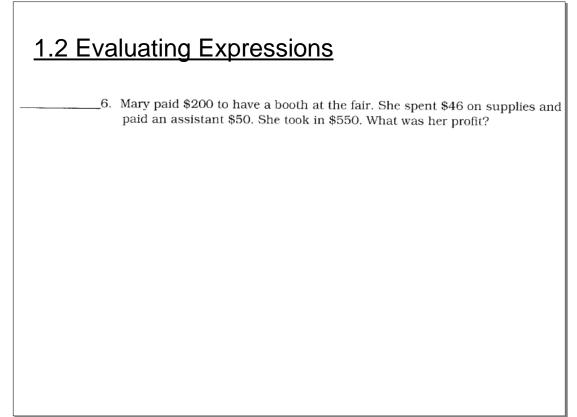
Oct 22-9:58 PM





Oct 30-7:29 AM

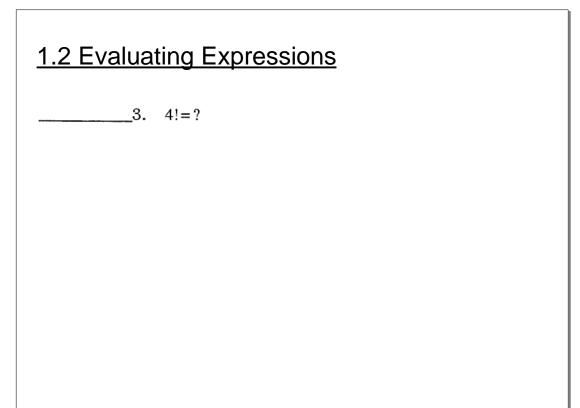




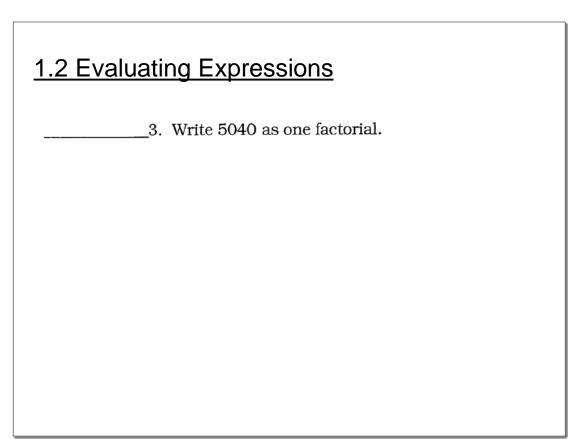
Oct 30-7:33 AM

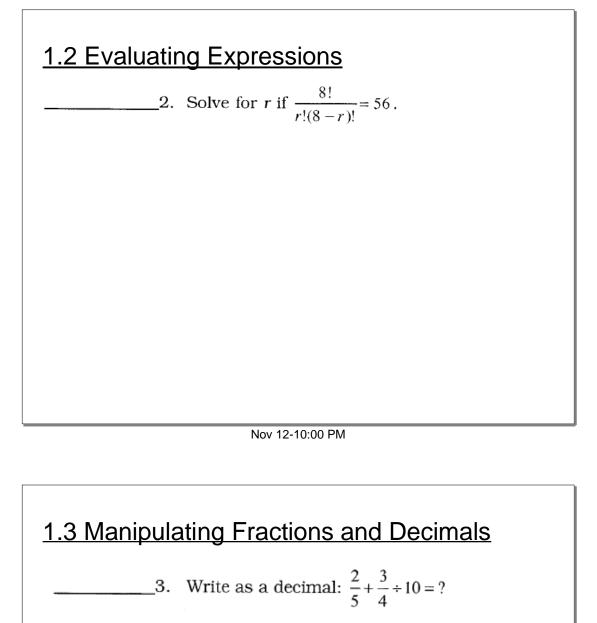
1.2 Evaluating Expressions

_7. At the fair, Youa bought two drawings at \$20 each, coffee for \$2, lunch for \$12 and a vase for \$15. How much did she spend?



Nov 12-9:49 PM

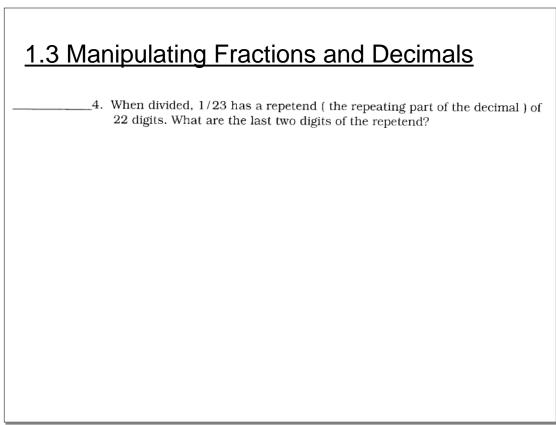


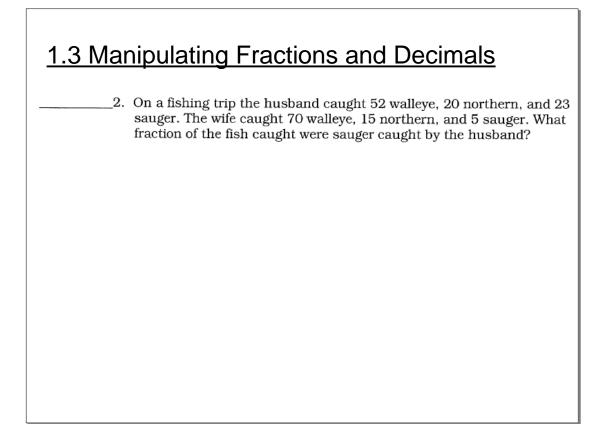


1.3 Manipulating Fractions and Decimals

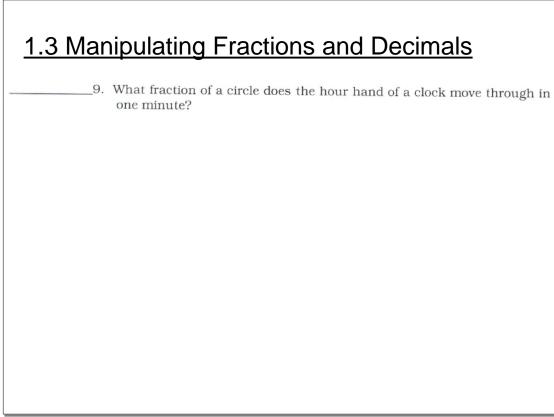
_1. Write 427.6789 to the nearest hundredth.

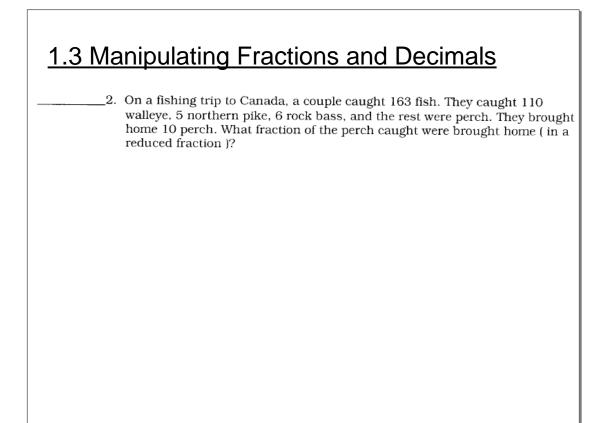
Oct 22-7:46 AM



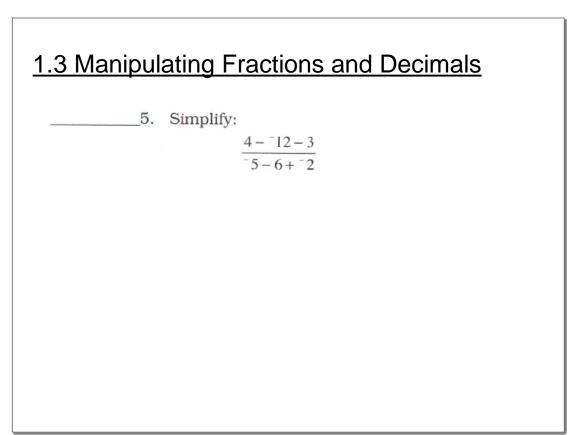


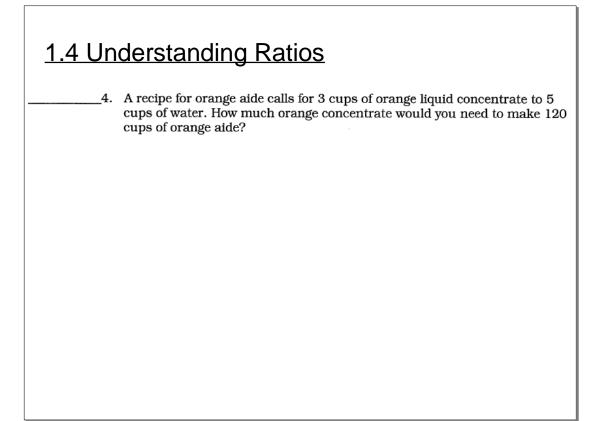
Oct 22-7:54 AM



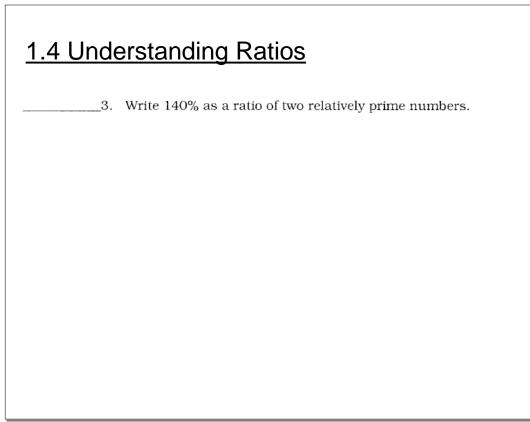


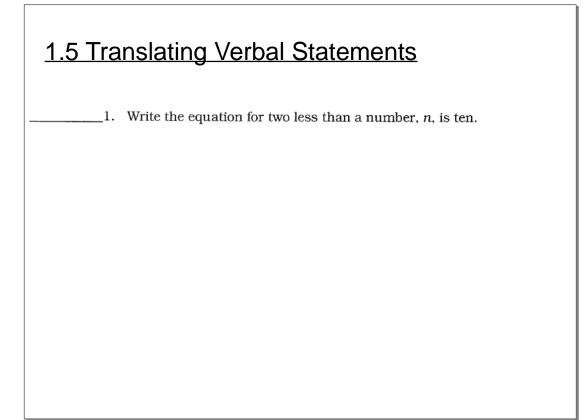
Oct 22-7:59 AM



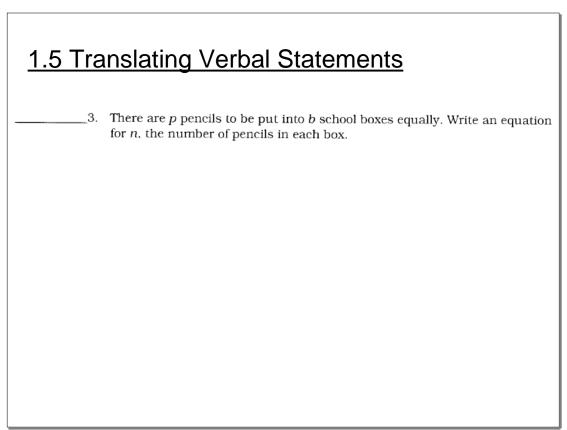


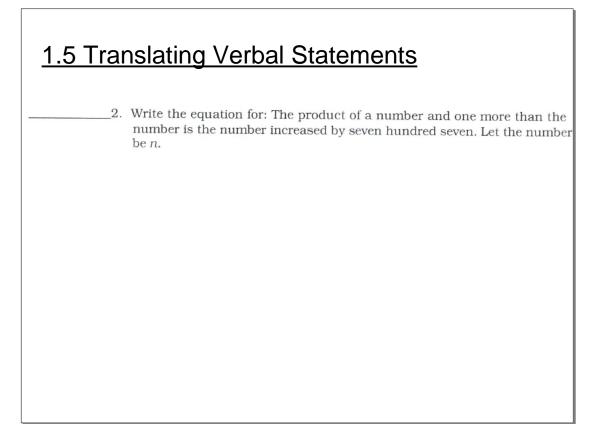
Dec 4-12:03 AM



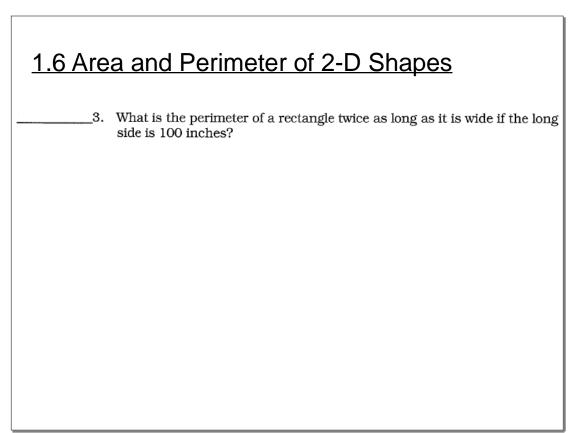


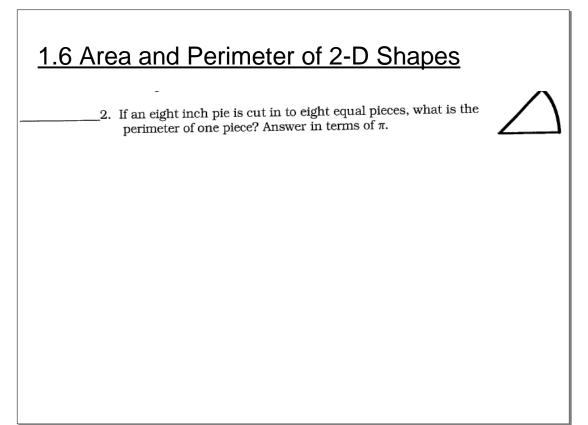
Oct 22-10:14 PM



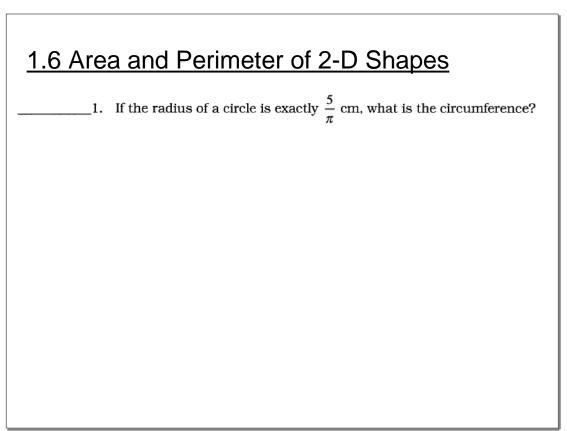


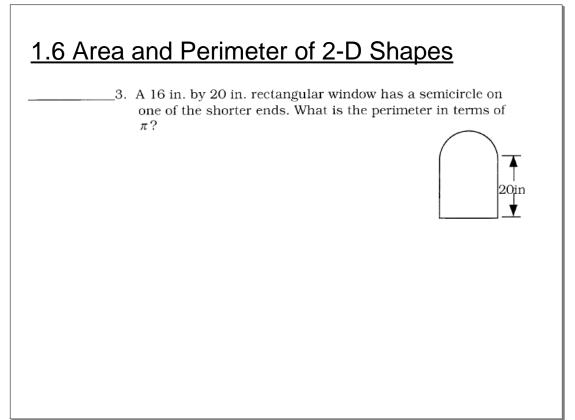
Oct 30-7:41 AM



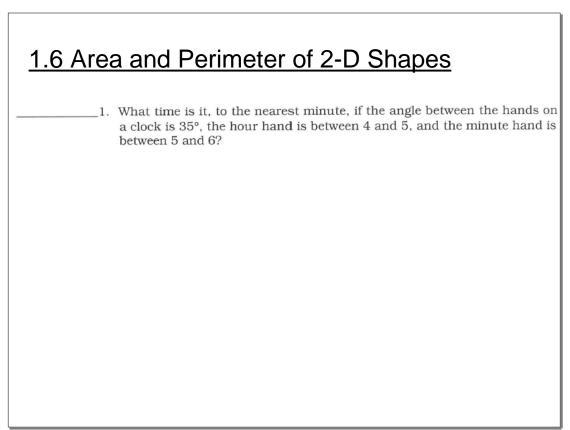


Dec 3-11:55 PM



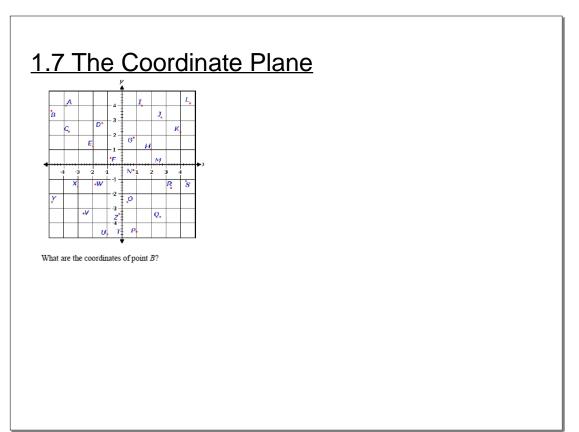


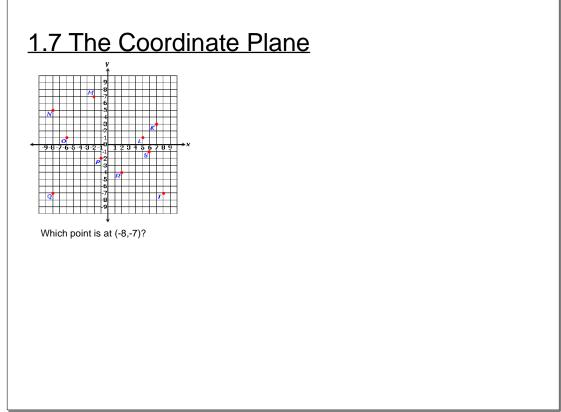
Dec 3-11:57 PM



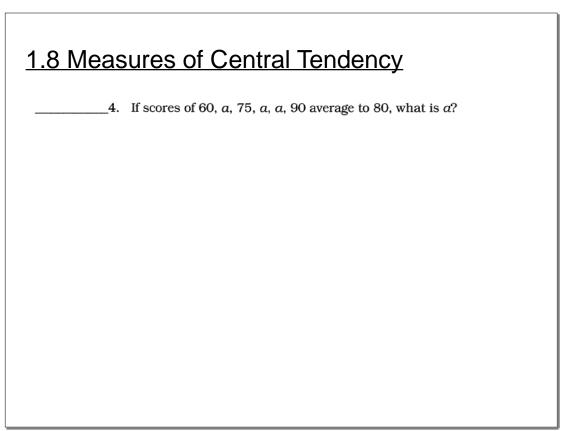
1.7 The Coordinate Plane This is a new topic involving points on a coordinate plane. Sample questions provided are based on the location of points on a coordinate plane, in (x,y) ordered pair sequence.

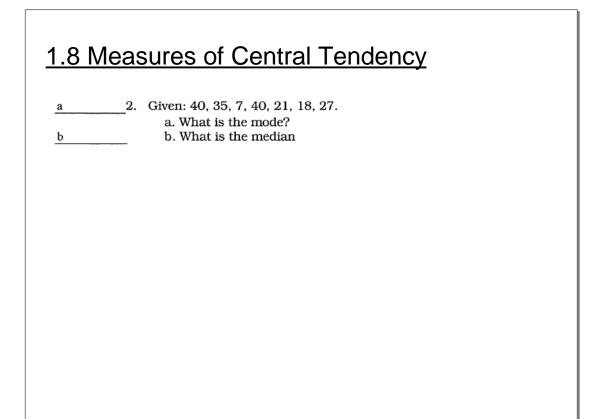
Dec 3-11:59 PM



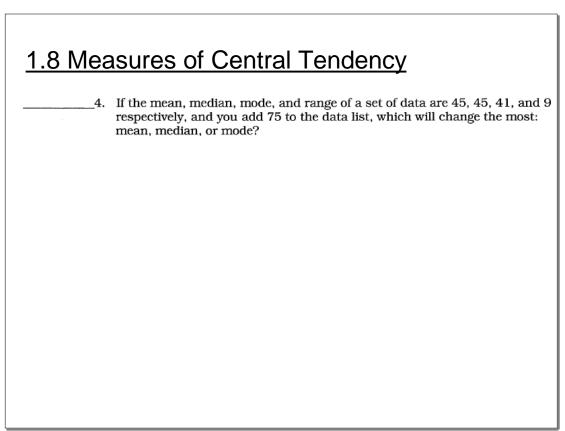


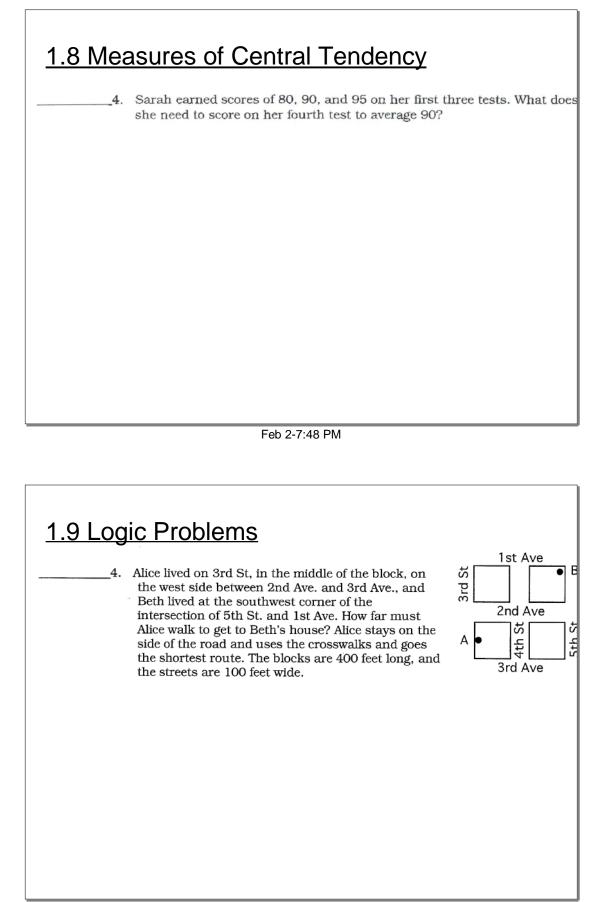
Sep 24-7:14 PM

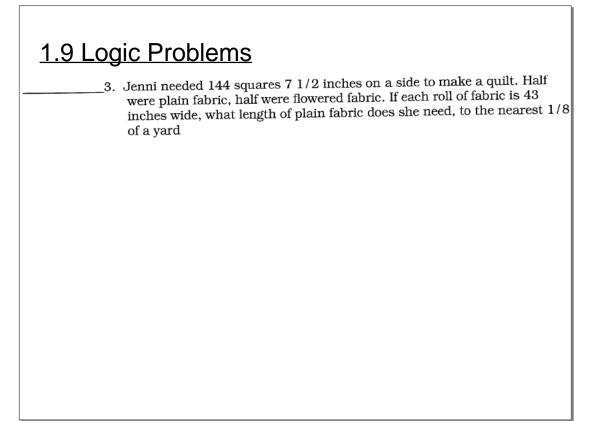




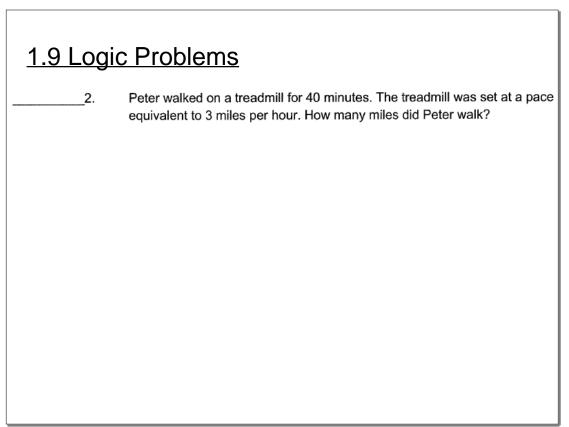
Feb 2-7:43 PM







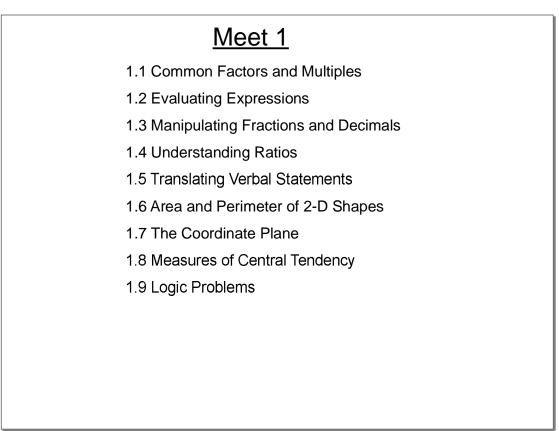
Feb 2-7:48 PM

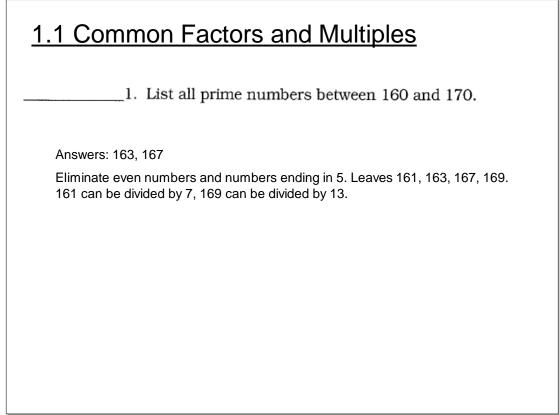


Junior High Math League Sample Questions by Meet and Topic

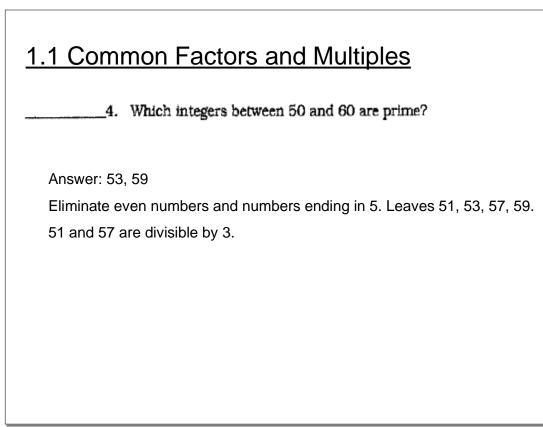
Meet 1

Aug 2-7:22 PM





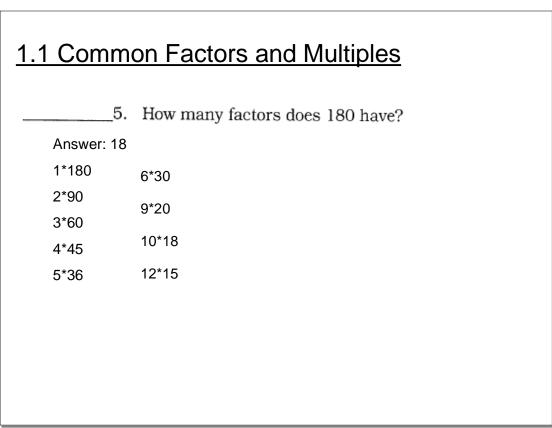
Oct 22-9:49 PM



1.1 Common Factors and Multiples

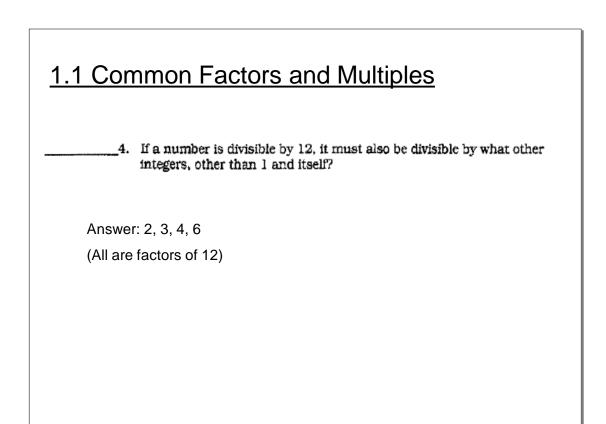
| | _2. What is the greatest common factor between 78 and 84? |
|-------|-----------------------------------------------------------|
| Answe | : 6 |
| 78 | 84 |
| 1*78 | 1*84 |
| 2*39 | 2*42 |
| 3*26 | 3*28 |
| 6*13 | 4*21 |
| | 6*14 |
| | |
| | |
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| | |

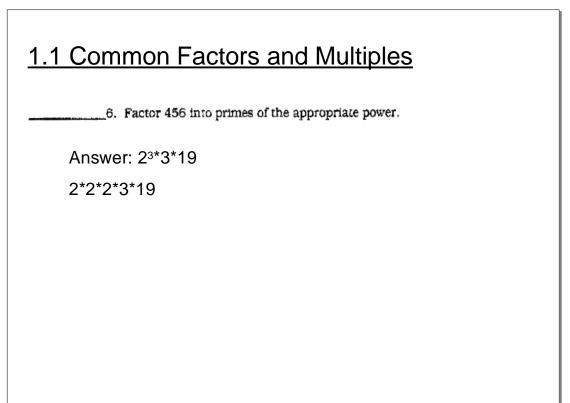
Oct 22-9:56 PM



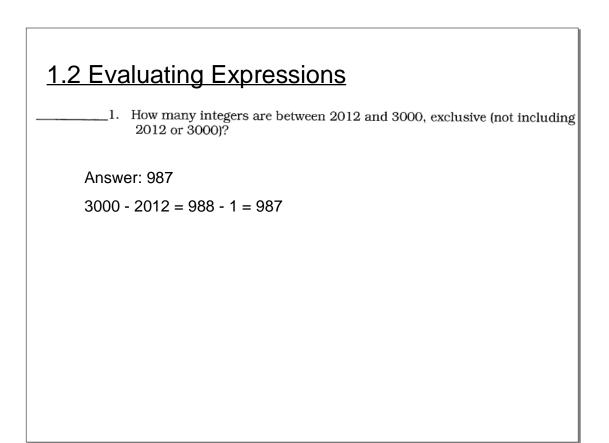
<u>1.1 Common Factors and Multiples</u> ______8. Factor 2100 into primes of the appropriate power. Answer: 2²*3*5²*7 2100 = 2*2*3*5*5*7

Oct 22-9:56 PM





Oct 22-9:58 PM



1.2 Evaluating Expressions

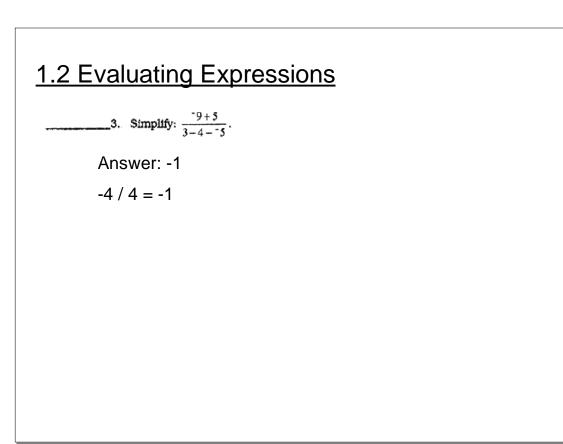
_____9. Simplify: 7-2(-5)+4(3+-2).

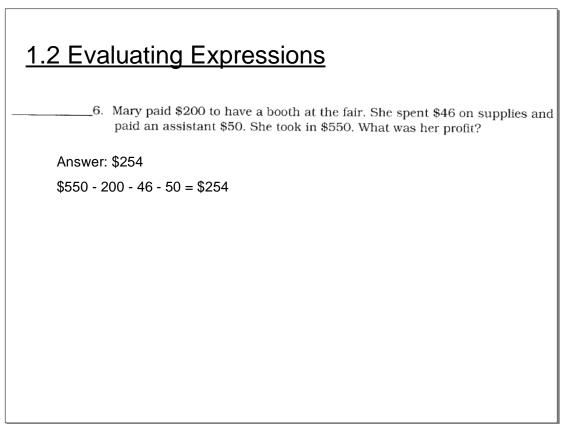
Answer: 21

2(-5)=-10; 4(3+-2)=4;

7- -10 + 4 = 21

Oct 30-7:29 AM



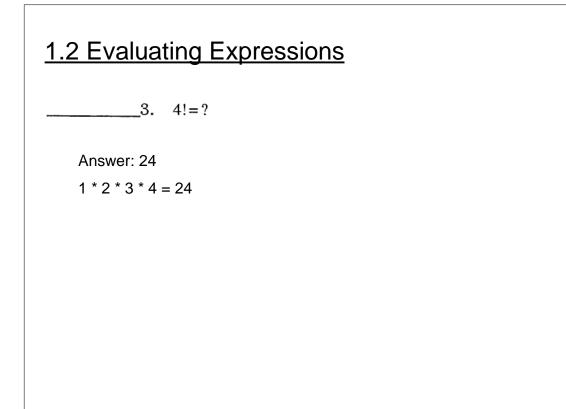


Oct 30-7:33 AM

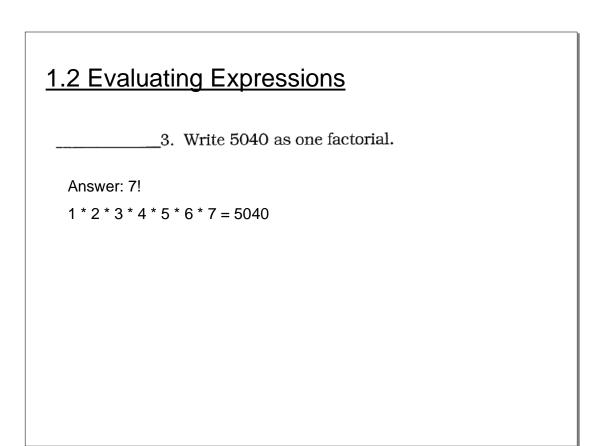
<u>1.2 Evaluating Expressions</u> 7. At the fair, Youa bought two drawings at \$20 each, coffee for \$2, lunch for \$12 and a vase for \$15. How much did she spend?

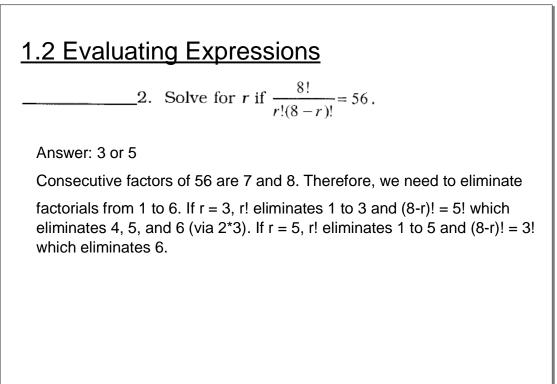
Answer: \$69

2 * 20 = 40 + 2 + 12 + 15 = \$69

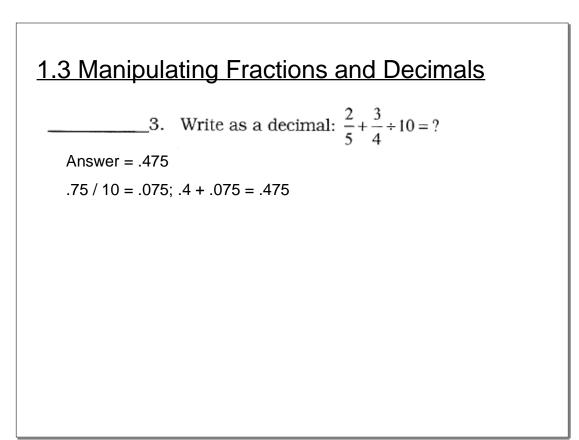


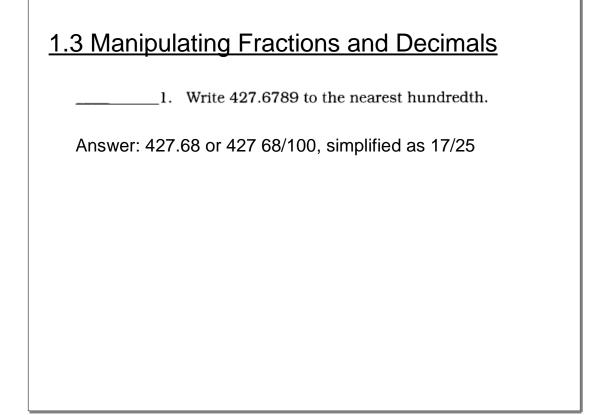
Nov 12-9:49 PM



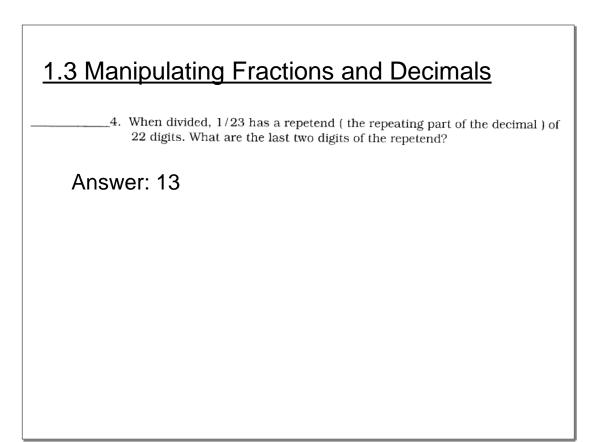


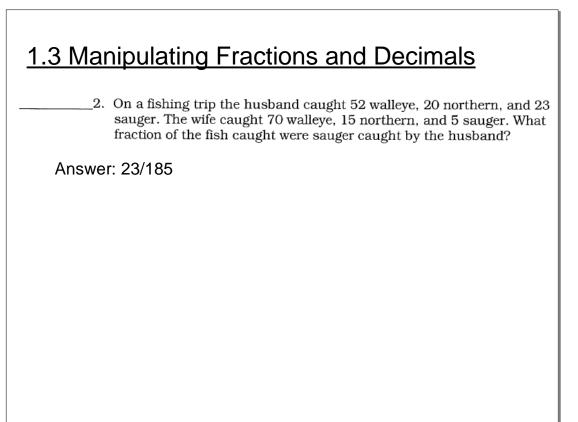
Nov 12-10:00 PM





Oct 22-7:46 AM





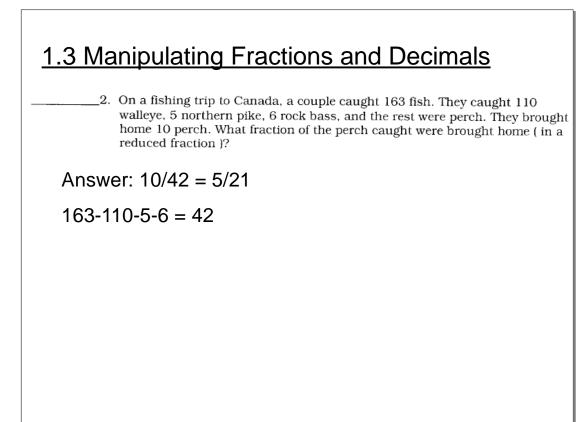
Oct 22-7:54 AM



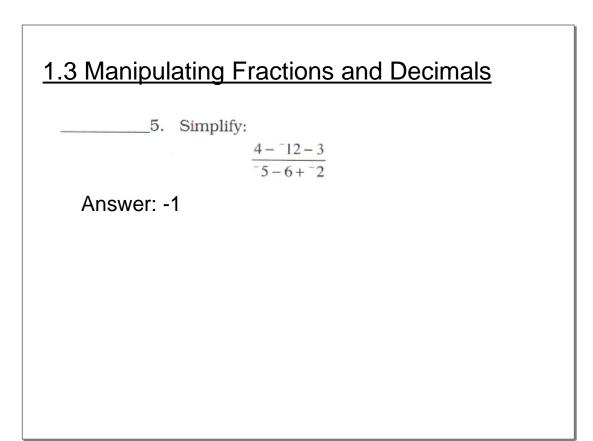
_9. What fraction of a circle does the hour hand of a clock move through in one minute?

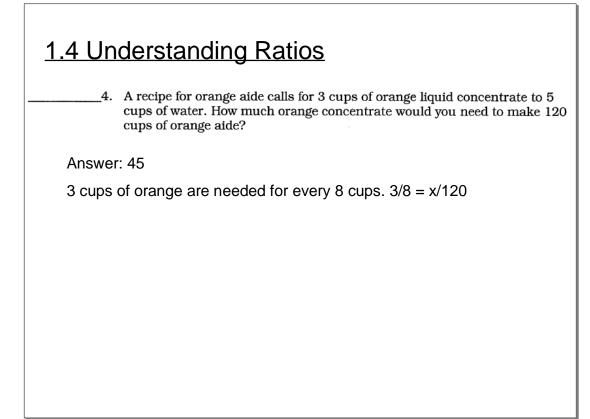
Answer: 1/720

The hour hand moves 1/60 every 12 minutes so 1/12 * 1/60 = 1/720



Oct 22-7:59 AM





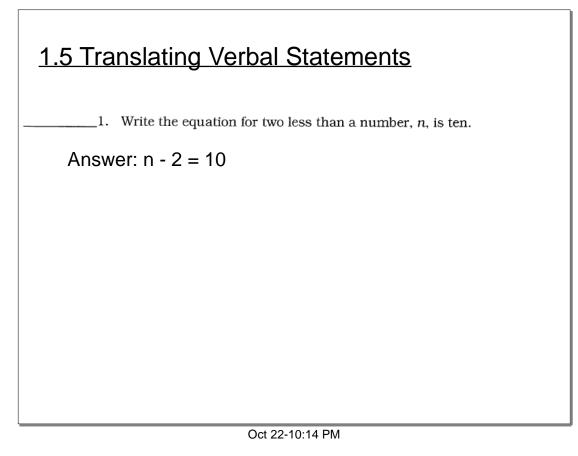
Dec 4-12:03 AM

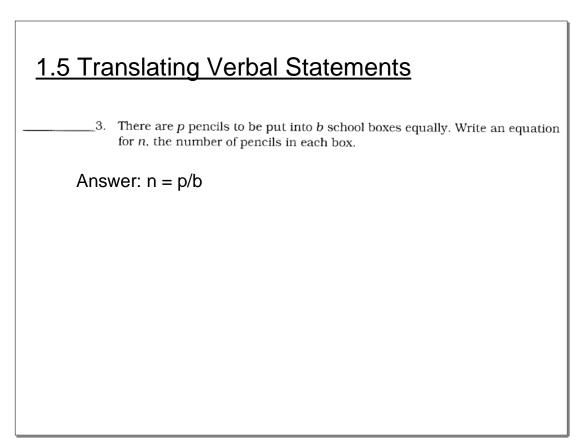
1.4 Understanding Ratios

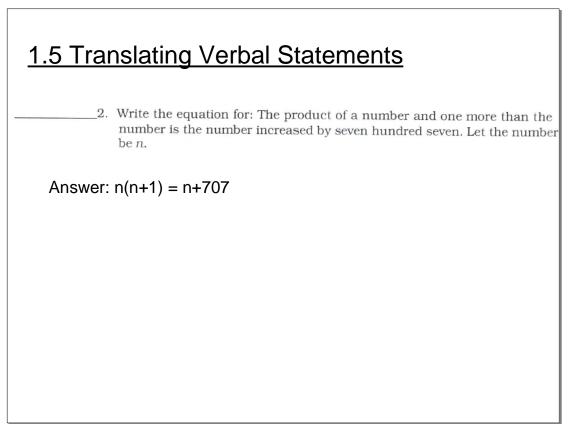
_3. Write 140% as a ratio of two relatively prime numbers.

Answer: 7/5

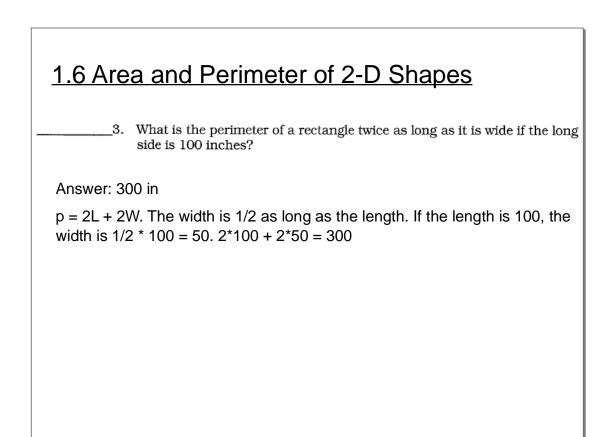
140% = 140/100 = 7/5

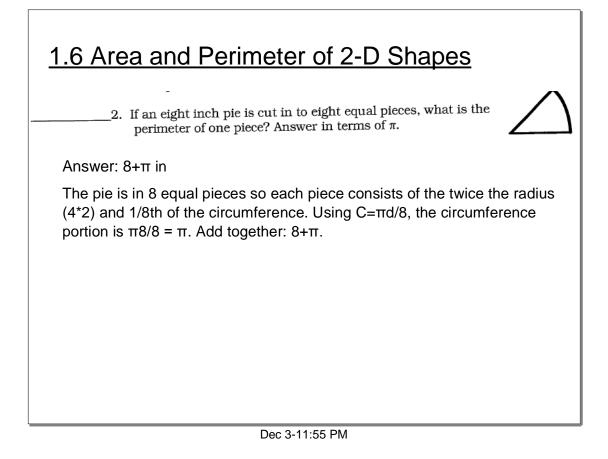


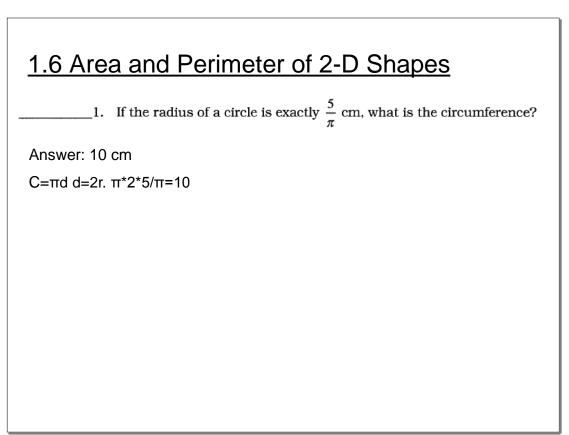


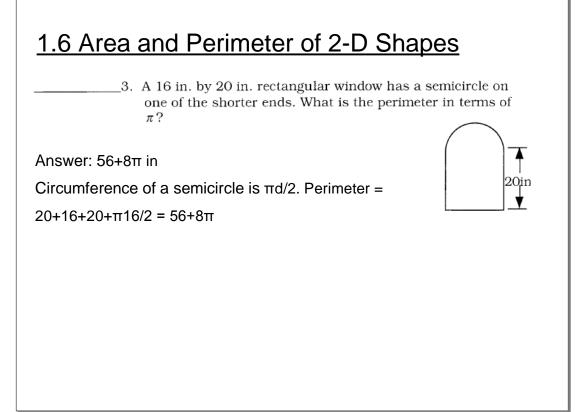


Oct 30-7:41 AM

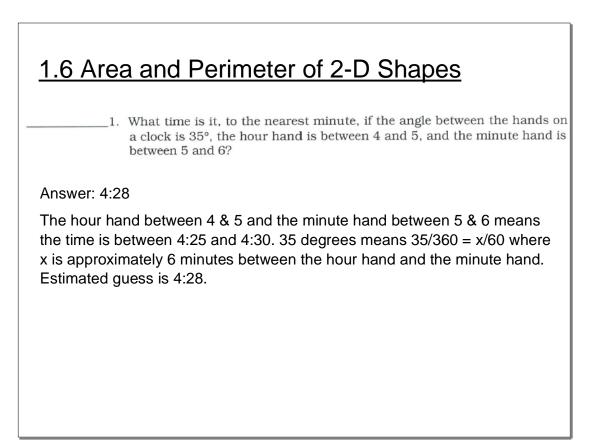






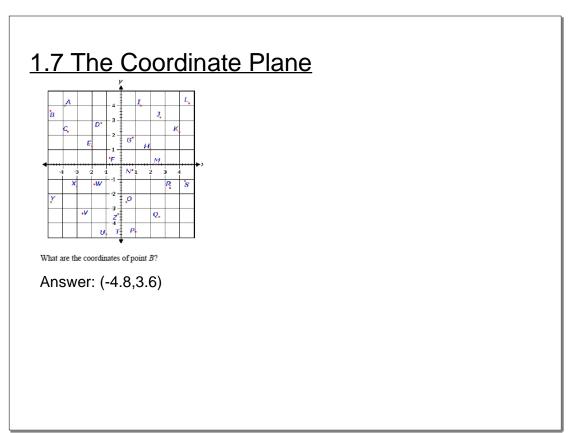


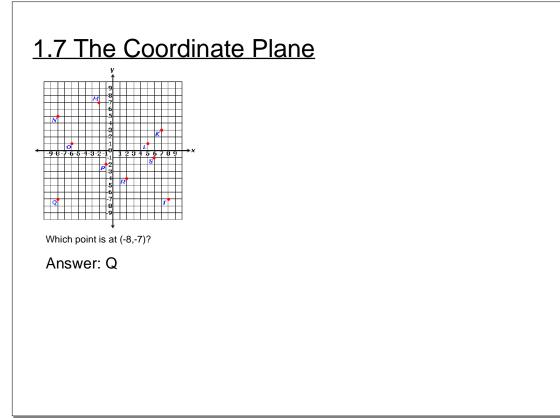
Dec 3-11:57 PM



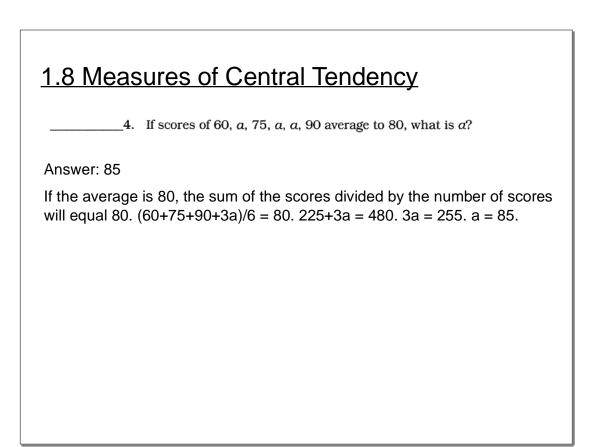
1.7 The Coordinate PlaneThis is a new topic involving points on a coordinate plane. Sample questions provided are based on the location of points on a coordinate plane, in (x,y) ordered pair sequence.

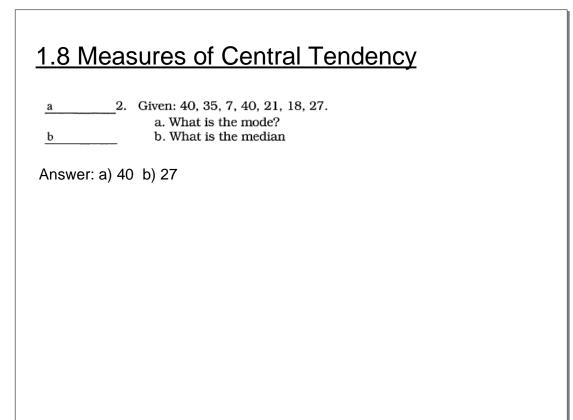
Dec 3-11:59 PM



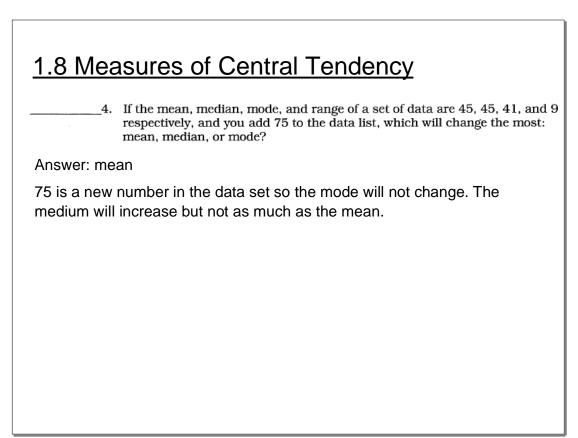


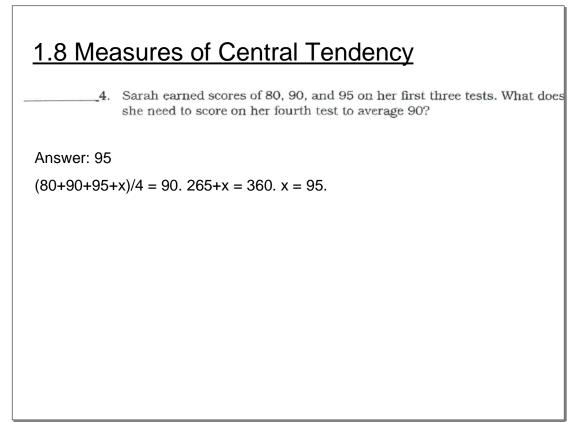
Sep 24-7:14 PM



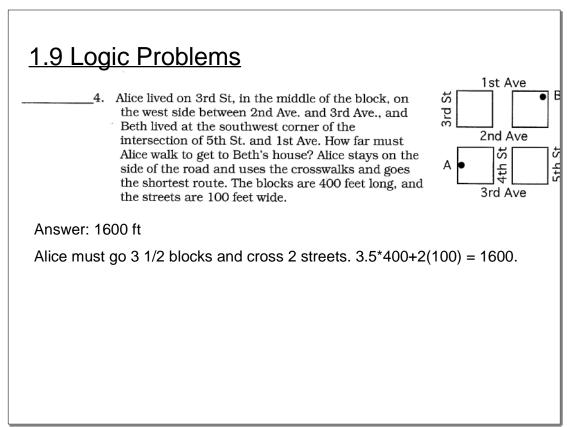


Feb 2-7:43 PM





Feb 2-7:48 PM



Jenni needed 144 squares 7 1/2 inches on a side to make a quilt. Half were plain fabric, half were flowered fabric. If each roll of fabric is 43 inches wide, what length of plain fabric does she need, to the nearest 1/8 of a yard Answer: 3 1/8 yards 43/7.5 = 5.7 so five squares across. We need 72 squares of each pattern: 72/5 14.4 so 15 rows. 15 * 7.5 = 112.5 inches in length. 36 inches per yards so 112.5 / 36 = 3.125 or 3 1/8 yards.

Feb 2-7:48 PM

1.9 Logic Problems _____2. Peter walked on a treadmill for 40 minutes. The treadmill was set at a pace equivalent to 3 miles per hour. How many miles did Peter walk? Answer: 2 miles Formula d=rt. Convert 40 minutes to hours = 2/3. d=3*2/3 = 2 miles.