Bell Ringer #17:

Prove that if -2(2x+3) = 8x-12, then x = 1/2

$-2(2x+3)=8x-12$	Given
$-2(2x)-2(3)=8x-12$	Distributive property
$-4x-6=8x-12$	Substitution property
$-4x-6-8x=8x-12-8x$	Subtraction property
$-12x-6=-12$	Substitution property
$-12x-6+6=-12+6$	Addition property
$-12x=-6$	Substitution property
$\frac{-12x}{-12}=\frac{-6}{-12}$	Division property
$x=1/2$	Substitution property

Page 1

Upcoming Schedule

Red Day (1st & 5th)	Black Day (4th & 8th)
Friday Quiz Quarter Exam Review	**Monday** Quiz Quarter Exam Review
Tuesday Quarter Exam	**Wednesday** Quarter Exam

Page 2

Homework Check

Section 2-6 Skills
Practice #1-6

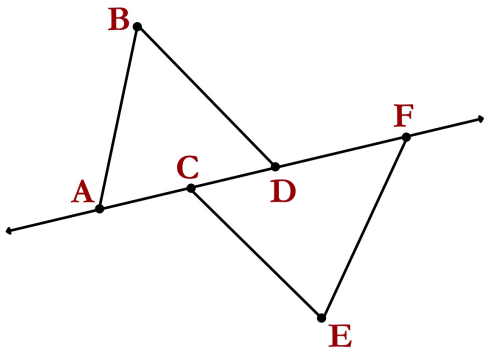
Page 3

Quarter Exam Review

Materials to study:
- All old quizzes
- All assigned homework
  Sections: 1-1, 1-2, 1-3, 1-4, 1-5
  2-3, 2-6
  3-1, 3-2, 3-3, 3-4
- Textbook
  Sections: Same as above.

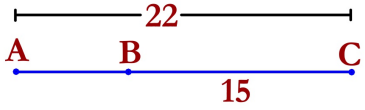
Page 4

Name three points that are colinear.



Page 5

Find the length of $\overline{AB}$



Page 6

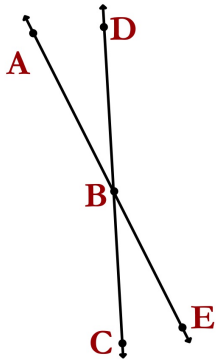
Find the distance between A(1, 3) and B(5, 12)

Page 7

Find the midpoint of A(1, 3) and B(5, 12)

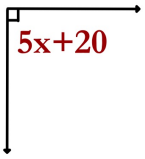
Page 8

What angle is a vertical angle to ∠ABC



Page 9

Find x.

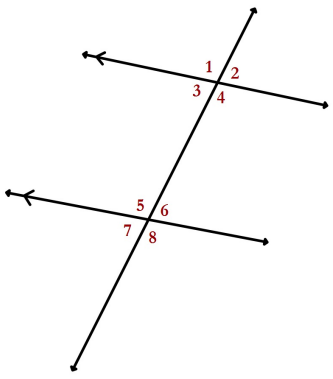


Page 10

What is the slope between points A(3, 3) and B(-3, -3)?

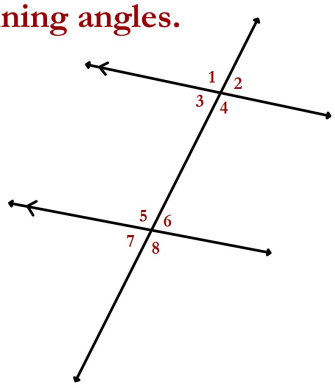
Page 11

Name 4 angle relationships.



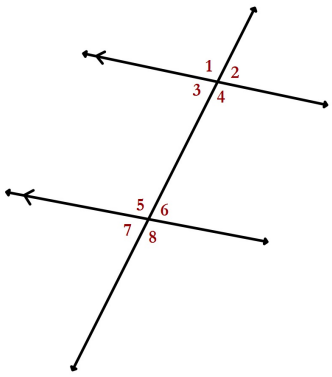
Page 12

If ∠1 is 95° what is the measure of the remaining angles.



Page 13

If ∠4 is 3x-4 and ∠6 is 7x+14, find x.



Page 14

If Dr. Moad makes a mistake, then his students will forgive him.

Write the converse, inverse, and contrapositive to the conditional statement.

Page 15

Determine if $\overleftrightarrow{AB}$ and $\overleftrightarrow{CD}$ are parallel, perpendicular or neither.

A(1, -12) B(5, 4) C(1, 9) D(6, -6)

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