

- Comparing Fractions
- Circles
- Order of Operations
- Linear Equations—1 Variable
- Substituting Values into Algebraic Expressions

General Information

- About 12 questions
- Calculator for some problems
 → will pop up on screen when allowed
- Untimed



Comparing Fractions

in order to compare fractions they MUST HAVE the SAME DENOMINATOR—if they don't, you need to rewrite the factions so they do have the same DENOMINATOR

Replace the blank with a > or < symbol.

Now compare the Numerators $\frac{4}{5}$ $\frac{7}{8}$ $\frac{32}{40} < \frac{35}{40}$













- Perform all calculations with parentheses first
- Simplify all exponents
- Perform all multiplication and division—from left to right
- Perform all addition and subtraction—from left to right







Substituting Values into Algebraic Expressions











Solve.				
	4b + 3(2b – 1)	= 2b +	13	
	4b + 6b – 3	= 2b +	13	
	10b – 3	= 20 +	13	
	– 2b	<u>–</u> 2b		
	8b – 🕉	= 13		
	+3	+ 3		
8 b = 16				
	8	8	(b= 2)	

Creating Algebraic Equations for Practical Problems







An airplane flew for 8 hours a hour (mph) and for 7 more he average airspeed for the entire of the following equations cou	t an airspeed of x miles per ours at 325 mph. If the flight was 350 mph, which ild be used to find x ?
A. $x + 325 = 2(350)$ B. $x + 7(325) = 15(350)$ C. $8x - 7(325) = 350$ D. $8x + 7(325) = 2(350)$ E. $8x + 7(325) = 15(350)$	What is the total time? Avg Total Speed Remember: Distance = Rate x Time
x;8 	<u>325 7</u>

RESOURCES:

Go to your nearest Academic Services Lab and you can get a packet of practice problems. You can also work with an instructor!





ONLINE RESOURCES:

http://www.purplemath.com/ "Accuplacer Math" can be found on the right side of the screen

http://accuplacerpractice.collegeboard.org/ need to create an account but appears to be free