

Do Now

Please work quietly on this Do Now.
Thank you!

Twice the reciprocal of a number is eleven less than the greatest common factor of 126 and 189.

What is the number?

Talk about binders.



Do Now

Twice the reciprocal of a number is eleven less than the greatest common factor of 126 and 189.

What is the number?

1) Simplify this expression. $\frac{11}{63} + \frac{9}{14} + \frac{5}{36}$

2) Bianca saved \$252. She wants to use the money to buy gifts for 18 people. What is the average amount of money she can spend on each person?



3) What is the exponential form of the prime factorization of 252?

4) Noah practiced soccer drills for 252 hours. How many days is this?



SAT Problem

5) If k is an integer and $k = \frac{m}{3}$ which of the following must be true?

- I. m is an even number
- II. m is a multiple of 3
- III. m is an odd number

- A) I only
- B) II only
- C) III only
- D) II and III only
- E) I, II, and III