

Questions on 3.5?

We will be taking our content mastery quiz shortly!

SM3H - Ch3 - Student Text.pdf - Adobe Reader
 File Edit View Window Help
 60 / 86 150%
 Tools Sian Comment
 View or add comments

3. Extend the integer properties from the table to operations on the graphs of functions.

a. Use two output values from functions $f(x)$ and $g(x)$ to demonstrate the commutative property over addition for functions.

$f(x) = \frac{1}{2}x + 1$ $m(x) = f(x) + g(x)$
 $g(x) = -x + 4$ $m(x) = -\frac{1}{2}x + 5$

$s(x) = f(x) - g(x)$
 $s(x) = \frac{1}{2}x - 3$

$p(x) = f(x) \cdot g(x)$
 $p(x) = (\frac{1}{2}x + 1)(-x + 4)$
 $p(x) = -\frac{1}{2}x^2 + 2x - x + 4$
 $p(x) = -\frac{1}{2}x^2 + x + 4$

b. Determine output values for $f(x)$ and $g(x)$ that demonstrate the Additive Inverse Property. Show that they are additive inverses algebraically and graphically.

Today's Agenda:

-Gradesheets

-Patterns Assessment Review

Homework

Finish Patterns Assessment

Review