

Name _____

Date _____

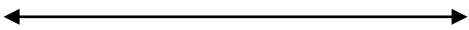
The Number System Review

7th Grade

1. Use a number line to solve $-7 + 9$.



2. Use a number line to solve $-6 - (-4)$.



3. Greg has \$9 and has to give his friend \$4. How much money will he have after he gives his friend the money?

Which of the following is equivalent to $-\frac{2}{105}$?

PREVIEW

a. $\frac{2}{105}$

b. $\frac{-2}{-105}$

c. $\frac{2}{-105}$

5. Hannah's cell phone bill is automatically deducting \$40 from her bank account every month. How much will the deductions total for the year?



6. Find the average of the following fractions: $\frac{-1}{8}, \frac{-2}{8}, \frac{3}{8}, \frac{-9}{8}$

7. Jackie is painting her bathroom. She can paint $12\frac{1}{3}$ square feet in $\frac{2}{5}$ of an hour. How many square feet can she paint in one hour?

8. The table below shows the cost of beautiful ruby rings from the jewelry store.

Number of Rings	Cost of Rings
0	\$0.00
2	\$354.00
4	\$708.00
6	\$1,067.00
8	\$1,416.00

Based on the table above, what would it cost to buy one beautiful ruby ring?

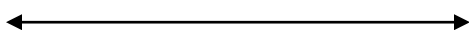
9. Order the following numbers from least to greatest: -4 , $|-3|$, 14 , $|100|$, $|-99|$, -25

10. A business had losses of \$200 million, \$14 million, and \$152 million and profits of \$10 million, and \$225 million. How much was its overall profit or loss?



Preview

13. Use a number line to solve $-8 \cdot 2$.



14. A football team must move the ball forward at least 10 yards from its starting point to make a first down. If the team has 2 losses of 2 yards and a gain of 16 yards, does the team make a first down?



15. Add: $-5.78 + (-17.5)$

16. Anya finished her first pancake eating contest in 10.78 minutes. She completed her second pancake eating contest in 9.22 minutes. By how much did her time decrease in the second pancake eating contest?