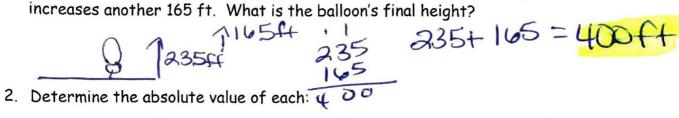
	Show ALL work!				
vame: _	Key		Date:	Class:	
1.		A hot air balloon starts from the ground and floats 235ft. off the ground. It then increases another 165 ft. What is the balloon's final height?			



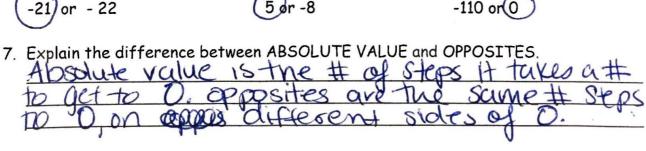
$$|-2| = 2$$
  $|23| = 33$   $|-100| = 100$ 

4. Order the numbers from least to greatest: 
$$-22,11,1,-11,21,-31$$

$$-31,-32,-11,1,31$$

5. Rewrite these numbers in order from smallest to largest.





## Unit 1 Test A STUDY GUIDE – GSE – Operations with Integers Show ALL work!

SOLVE. SHOW ALL WORK.

$$\begin{array}{r}
14 & 8. & -350 + 172 = -178 \\
2.8750 \\
-172 \\
\hline
178
\end{array}$$

$$31. -48 \div 3 = \frac{-16}{-16}$$

$$3\frac{148}{18}$$

13. 
$$-10-(-7)=\frac{-3}{3}$$

17. 
$$-10+7$$
)+5=  $\frac{2}{3}$ 

19. 
$$-4(3)(-1)(-2) = \frac{-24}{-24}$$
  
 $-4\times3 = 12$   
 $(-12)(-1) = 12$   
 $(12)(-2) = -24$ 

## Unit 1 Test A STUDY GUIDE – GSE – Operations with Integers Show ALL work!

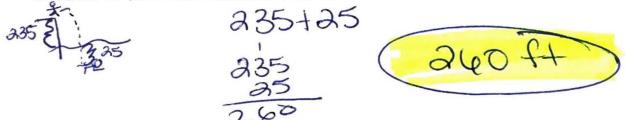
2. The list below gives monthly average low temperatures (in ° Fahrenheit) for Seneca Falls, NY from November to March.

51°F, 15°F, 0°F, −6°F, −13°F, 32°F, 11°F

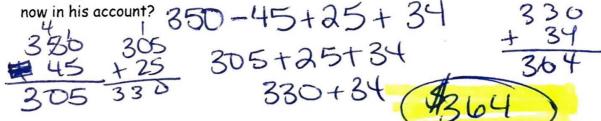
- a. What is the lowest of these monthly low temperatures? \_\_13° [-
- b. What is the difference between the highest and lowest temperature?

51-+13) 51 +13 64

23. Jorge dove off a cliff. The cliff was 235 feet above sea level. He dove into the water and went 25 feet below sea level. How far in total did he dive?



24. Jeff started out with \$350 in his bank account. He spent \$45 to buy a sweatshirt for the ballgame. He earned \$25 walking dogs and \$34 mowing lawns. How much money is now in his account?



25. Once a parachute is deployed, a skydiver descends at a rate of about 5 meters per second. Where will the skydiver be in relation to where the parachute deployed after 4 seconds?

5 per 1 sec 5 x (secs) 5 x 4 = 20 meters

26. Sarai says that  $\frac{-28}{-4} = 7$ , while Dove says that  $\frac{-28}{-4} = -7$ . Explain which of the girls is correct and why:

divided by a vey. # is a positive #. The