

Name _____

Hour 1 2 3 4 5 6 7

Due Date:

I can evaluate integer expressions.

Multiplication and Division Operation

- Use models as needed/directed
- Watch the sign on your answers
- Be prepared to defend the accuracy of your work

Model the following problems.

1. $5(-4)$

2. $-3(4)$

3. $-2(-3)$

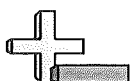
4. A submarine descended 576 ft over a period of 8 minutes. If the submarine descended at a constant rate, what is the change of depth per minute?

6. A scuba diver started at the surface of the water and was moving down at 3 meters per minute toward the ocean floor. The scuba diver traveled at this rate for 32 minutes before coming to rest on the ocean floor. What is the depth of the ocean floor?

7. The daily high temperatures in Bismarck, ND during the first week of January were 7° , 11° , 0° , -7° , 8° , 9° , and 14° . What was the average daily high temperature for the week?

8. The ocean floor is at -96 m. Tom has reached -15 m. If he continues to move down at 3 m per minute, how far will he be from the ocean floor after 7 minutes?

9. Sally went golfing and recorded her scores as 2 over par on the first hole, 2 under par on the second hole, and 3 over par on the third hole. What is her average for the first three holes?



Determine the value of the missing number.

Ex) $-10 \div 5 = \underline{\hspace{2cm}}$

1) $-56 \div -8 = \underline{\hspace{2cm}}$

2) $\underline{\hspace{2cm}} \div -7 = -9$

3) $\underline{\hspace{2cm}} \div 3 = -7$

4) $-100 \div -10 = \underline{\hspace{2cm}}$

5) $-50 \div \underline{\hspace{2cm}} = 10$

6) $-36 \div 9 = \underline{\hspace{2cm}}$

7) $12 \div -4 = \underline{\hspace{2cm}}$

8) $\underline{\hspace{2cm}} \div -2 = 10$

9) $-18 \div \underline{\hspace{2cm}} = -3$

10) $-90 \div \underline{\hspace{2cm}} = 9$

11) $-6 \times \underline{\hspace{2cm}} = -18$

12) $-2 \times \underline{\hspace{2cm}} = 20$

13) $-3 \times 9 = \underline{\hspace{2cm}}$

14) $\underline{\hspace{2cm}} \times -10 = -70$

15) $-4 \times -5 = \underline{\hspace{2cm}}$

16) $10 \times -3 = \underline{\hspace{2cm}}$

17) $5 \times -8 = \underline{\hspace{2cm}}$

18) $7 \times \underline{\hspace{2cm}} = -28$

19) $\underline{\hspace{2cm}} \times -7 = 49$

20) $-3 \times \underline{\hspace{2cm}} = 21$

Answers

Ex. $\underline{\hspace{2cm} -2 \hspace{2cm}}$

1. $\underline{\hspace{2cm}}$

2. $\underline{\hspace{2cm}}$

3. $\underline{\hspace{2cm}}$

4. $\underline{\hspace{2cm}}$

5. $\underline{\hspace{2cm}}$

6. $\underline{\hspace{2cm}}$

7. $\underline{\hspace{2cm}}$

8. $\underline{\hspace{2cm}}$

9. $\underline{\hspace{2cm}}$

10. $\underline{\hspace{2cm}}$

11. $\underline{\hspace{2cm}}$

12. $\underline{\hspace{2cm}}$

13. $\underline{\hspace{2cm}}$

14. $\underline{\hspace{2cm}}$

15. $\underline{\hspace{2cm}}$

16. $\underline{\hspace{2cm}}$

17. $\underline{\hspace{2cm}}$

18. $\underline{\hspace{2cm}}$

19. $\underline{\hspace{2cm}}$

20. $\underline{\hspace{2cm}}$