1. Translate to an algebraic expression.

   42 more than y

   The translation is $y + 42$.

2. Subtract the following.

   $6 - (-3)$

   $6 - (-3) = \boxed{9}$

3. Add the following.

   $20 + (-20)$

   $20 + (-20) = \boxed{0}$

4. Evaluate the expression when $y = 9$.

   $7y$

   $7y = \boxed{63}$

5. Translate the following phrase to an algebraic expression.

   z divided by n

   The translation is $\dfrac{z}{n}$.

6. Add. Do not use a number line except as a check.

   $-7.2 + 5.4$

   $-7.2 + 5.4 = \boxed{-1.8}$ (Type an integer or a decimal.)

7. Describe the situation from the viewpoint of each person.

   During a month, a person withdraws 440 dollars, and another person deposits 115 dollars.

   Which real number corresponds to 'withdraws 440 dollars'? $\boxed{-440}$
   (Type a negative number with a negative sign, or type a positive number with no sign.)

   Which real number corresponds to 'deposits 115 dollars'? $\boxed{115}$
   (Type a negative number with a negative sign, or type a positive number with no sign.)

8. Find decimal notation for $-\dfrac{5}{8}$.

$-\dfrac{5}{8} = \boxed{-0.625}$

9. A driver who drives at a speed of r mph for t hr will travel a distance d mi given by $d = rt$ mi. How far will a driver travel at a speed of 60 mph for 5 hr?

The distance travelled is $\boxed{300}$ miles.

10. Multiply.

$-6 \cdot 6$

$-6 \cdot 6 = \boxed{-36}$
(Simplify your answer.)

11. Find the quotient.

$9 \div (-3)$

Select the correct choice below and, if necessary, fill in the answer box to complete your choice.

- ○ A. $9 \div (-3) = \boxed{-3}$ (Simplify your answer.)
- ○ B. The quotient is undefined.

12. Change the sign. (Find the opposite.)

9

The answer is $\boxed{-9}$.

13. Simplify.

$|-65|$

$|-65| = \boxed{65}$

14. Use either $<$ or $>$ for $\square$ to write a true statement.

$$-\frac{1}{5} \square \frac{3}{5}$$

Choose the correct answer below.

$$-\frac{1}{5} \boxed{<} \frac{3}{5}$$

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15. Translate to an algebraic expression.

m subtracted from b

The translation is $\boxed{b - m}$.

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16. Use a commutative law to find an equivalent expression.

zx

An equivalent expression of zx is $\boxed{xz}$.

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17. Multiply.

$$-3.8 \times 7.7$$

$-3.8 \times 7.7 = \boxed{-29.26}$ (Simplify your answer. Type an integer or a decimal.)

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18. Find an equivalent expression without parentheses.

$$-(b + 30)$$

$-(b + 30) = \boxed{-b - 30}$

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19. Add the following.

$$-85 + 85$$

$-85 + 85 = \boxed{0}$

---

20. Divide, if possible.

$$\frac{-24}{-6}$$

Select the correct choice below and fill in any answer boxes in your choice.

✔ A. $\dfrac{-24}{-6} = \boxed{4}$

○ B. The answer is undefined.

21.   Add.

$$3 + (-9)$$

$3 + (-9) = \boxed{-6}$

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22.   Use either < or > to make this a true statement.

$$-13 \ \boxed{\phantom{<}} \ 0$$
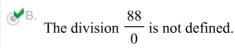
$$-13 \ \boxed{<} \ 0$$

---

23.   Divide, if possible. Check each answer.

$$\frac{88}{0}$$

Select the correct choice below, and fill in the answer box in your choice, if necessary.

○ A. $\dfrac{88}{0} = \boxed{}$

      (Type an integer or a fraction.)

✔ B.   The division $\dfrac{88}{0}$ is not defined.

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24.   Simplify.

$$\frac{28xy}{63x}$$

The answer is $\dfrac{\boxed{4y}}{\boxed{9}}$.

(Type an integer or a fraction.)

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25.   Add. Do not use a number line except as a check.

$$-\frac{5}{6} + \frac{7}{3}$$

$$-\frac{5}{6} + \frac{7}{3} = \boxed{\frac{3}{2}}$$

(Simplify your answer. Type an integer or a fraction.)

---

26.   Subtract.

$$2 - 6$$

$2 - 6 = \boxed{-4}$

27.

Use multiplying by 1 to find an expression equivalent to $\dfrac{2}{9}$ with a denominator of 9d.

The equivalent expression is $\dfrac{2d}{9d}$.

(Do not simplify. Type a fraction.)

28.

Multiply.

$-8 \cdot (-3)$

$-8 \cdot (-3) = \boxed{24}$

29.

Subtract.

$23 - 29$

$23 - 29 = \boxed{-6}$ (Simplify your answer.)

30.

The deepest point of the Gulf of Mexico lies approximately 12,400 feet below sea level.

What is the integer that best expresses the given number?

$\boxed{-12400}$

(Type a negative number with a negative sign, or type a positive number with no sign.)