

# DIVIDING INTEGERS - A

NAME: \_\_\_\_\_

## EXAMPLE #1

$$24 \div (-6) = 24 \div 6 = 4 = (-4)$$

YOU HAVE A POSITIVE 24 AND A NEGATIVE 6.

DIVIDE THE NUMBERS,  $24 \div 6 = 4$ .

WHEN DIVIDING, A "+" AND A "-" MAKES A NEGATIVE NUMBER.

### MULTIPLY AND DIVIDE RULE

IF THE SIGNS ARE THE SAME THE ANSWER IS POSITIVE. IF THE SIGNS ARE DIFFERENT THE ANSWER IS NEGATIVE.

## EXAMPLE #2

$$(-32) \div (-8) = 32 \div 8 = 4 = +4$$

YOU HAVE A NEGATIVE THIRTY-TWO AND A NEGATIVE EIGHT.

DIVIDE THE NUMBERS,  $32 \div 8 = 4$ .

WHEN DIVIDING, A "-" AND A "-" MAKES A POSITIVE NUMBER.

### EXAMPLES

$$\begin{aligned} (+12) \div (+3) &= +4 \\ (-12) \div (-3) &= +4 \end{aligned}$$

$$\begin{aligned} (+12) \div (-3) &= -4 \\ (-12) \div (+3) &= -4 \end{aligned}$$

SOLVE.

1.  $21 \div 3 =$  \_\_\_\_\_

THE SIGNS ARE THE SAME.

2.  $+40 \div (-4) =$  \_\_\_\_\_

THE SIGNS ARE DIFFERENT.

3.  $(-12) \div +6 =$  \_\_\_\_\_

4.  $33 \div (-3) =$  \_\_\_\_\_

5.  $12 \div (-6) =$  \_\_\_\_\_

6.  $(-81) \div (-9) =$  \_\_\_\_\_

7.  $(-35) \div (-7) =$  \_\_\_\_\_

8.  $(+16) \div +4 =$  \_\_\_\_\_

9.  $(+36) \div 9 =$  \_\_\_\_\_

10.  $(-27) \div -3 =$  \_\_\_\_\_

11.  $(-49) \div (+7) =$  \_\_\_\_\_

12.  $54 \div 9 =$  \_\_\_\_\_

13.  $15 \div 5 =$  \_\_\_\_\_

14.  $+42 \div (-6) =$  \_\_\_\_\_

15.  $-28 \div 4 =$  \_\_\_\_\_

16.  $(-18) \div (-6) =$  \_\_\_\_\_

17.  $0 \div -8 =$  \_\_\_\_\_

18.  $39 \div (-3) =$  \_\_\_\_\_

19.  $(-32) \div +4 =$  \_\_\_\_\_

20.  $(-60) \div 5 =$  \_\_\_\_\_

21.  $(-12) \div (-2) =$  \_\_\_\_\_

22.  $(-8) \div (-1) =$  \_\_\_\_\_

23.  $72 \div (-9) =$  \_\_\_\_\_

24.  $22 \div -2 =$  \_\_\_\_\_

25.  $(-30) \div +3 =$  \_\_\_\_\_

26.  $(+25) \div 5 =$  \_\_\_\_\_

27.  $48 \div (-8) =$  \_\_\_\_\_

28.  $+36 \div (-4) =$  \_\_\_\_\_

29.  $-14 \div (-7) =$  \_\_\_\_\_

30.  $(-45) \div (+9) =$  \_\_\_\_\_

31.  $16 \div (+8) =$  \_\_\_\_\_

32.  $-24 \div 12 =$  \_\_\_\_\_

## DIVIDING INTEGERS - B

NAME: \_\_\_\_\_

SOLVE.

1.  $(-120) \div 12 =$  \_\_\_\_\_

2.  $-143 \div +13 =$  \_\_\_\_\_

3.  $+15 \div +3 =$  \_\_\_\_\_

4.  $0 \div (-4) =$  \_\_\_\_\_

5.  $(-24) \div (+6) =$  \_\_\_\_\_

6.  $78 \div -13 =$  \_\_\_\_\_

7.  $+169 \div +13 =$  \_\_\_\_\_

8.  $(-108) \div (-9) =$  \_\_\_\_\_

9.  $88 \div (-8) =$  \_\_\_\_\_

10.  $156 \div 12 =$  \_\_\_\_\_

11.  $+56 \div 8 =$  \_\_\_\_\_

12.  $+70 \div (+7) =$  \_\_\_\_\_

13.  $(+130) \div +10 =$  \_\_\_\_\_

14.  $18 \div (-6) =$  \_\_\_\_\_

15.  $-4 \div (-1) =$  \_\_\_\_\_

16.  $(-96) \div (-8) =$  \_\_\_\_\_

17.  $-130 \div -13 =$  \_\_\_\_\_

18.  $(-72) \div 12 =$  \_\_\_\_\_

19.  $+99 \div (+9) =$  \_\_\_\_\_

20.  $110 \div 11 =$  \_\_\_\_\_

21.  $(-84) \div 12 =$  \_\_\_\_\_

22.  $9 \div -1 =$  \_\_\_\_\_

23.  $(+132) \div -11 =$  \_\_\_\_\_

24.  $(-156) \div 13 =$  \_\_\_\_\_

25.  $64 \div +8 =$  \_\_\_\_\_

26.  $+20 \div (-5) =$  \_\_\_\_\_

27.  $-9 \div (-3) =$  \_\_\_\_\_

28.  $-144 \div -12 =$  \_\_\_\_\_

29.  $(-100) \div +10 =$  \_\_\_\_\_

30.  $104 \div (-8) =$  \_\_\_\_\_

31.  $-18 \div (-9) =$  \_\_\_\_\_

32.  $49 \div (+7) =$  \_\_\_\_\_

33.  $(+32) \div (-4) =$  \_\_\_\_\_

34.  $+143 \div +11 =$  \_\_\_\_\_

35.  $(+132) \div 12 =$  \_\_\_\_\_

36.  $-80 \div (-8) =$  \_\_\_\_\_

37.  $90 \div (-9) =$  \_\_\_\_\_

38.  $(-91) \div 13 =$  \_\_\_\_\_

39.  $(-36) \div (-6) =$  \_\_\_\_\_

40.  $-120 \div 10 =$  \_\_\_\_\_

41.  $(-121) \div -11 =$  \_\_\_\_\_

42.  $117 \div (-9) =$  \_\_\_\_\_