

Multiplying integers — ANSWER KEY

Multiply. Decide the sign of the answer first.

1. $2 \times (-3) =$ **-6**

2. $-4 \times 6 =$ **-24**

3. $-8 \times (-10) =$ **80**

4. $-10 \times (-10) =$ **100**

5. $2 \times (-7) =$ **-14**

6. $-7 \times 8 =$ **-56**

7. $-4 \times 10 =$ **-40**

8. $-9 \times (-10) =$ **90**

9. $-11 \times (-7) =$ **77**

10. $-4 \times 9 =$ **-36**

11. $-9 \times (-9) =$ **81**

12. $-12 \times (-9) =$ **108**

13. $-11 \times 9 =$ **-99**

14. $7 \times (-11) =$ **-77**

15. $-9 \times (-6) =$ **54**

16. $6 \times (-9) =$ **-54**

17. $-2 \times 7 =$ **-14**

18. $-7 \times 4 =$ **-28**

19. $7 \times (-6) =$ **-42**

20. $9 \times (-6) =$ **-54**

21. $10 \times (-6) =$ **-60**

22. $-3 \times 3 =$ **-9**

23. $9 \times (-10) =$ **-90**

24. $-9 \times (-4) =$ **36**

Dividing integers — ANSWER KEY

Divide. The sign rules are the same as for multiplying.

1. $66 \div (-11) = \underline{-6}$

2. $66 \div (-6) = \underline{-11}$

3. $-32 \div 4 = \underline{-8}$

4. $-6 \div (-2) = \underline{3}$

5. $90 \div (-10) = \underline{-9}$

6. $-40 \div (-8) = \underline{5}$

7. $-24 \div (-3) = \underline{8}$

8. $-72 \div (-12) = \underline{6}$

9. $-72 \div 9 = \underline{-8}$

10. $-22 \div (-2) = \underline{11}$

11. $-12 \div 6 = \underline{-2}$

12. $-25 \div 5 = \underline{-5}$

13. $88 \div (-8) = \underline{-11}$

14. $-32 \div 8 = \underline{-4}$

15. $132 \div (-12) = \underline{-11}$

16. $-10 \div (-2) = \underline{5}$

17. $12 \div (-6) = \underline{-2}$

18. $-63 \div (-7) = \underline{9}$

19. $72 \div (-8) = \underline{-9}$

20. $-96 \div 8 = \underline{-12}$

21. $44 \div (-11) = \underline{-4}$

22. $-120 \div 12 = \underline{-10}$

23. $-33 \div (-3) = \underline{11}$

24. $-12 \div (-4) = \underline{3}$

Mixed practice — ANSWER KEY

Multiply or divide.

1. $-45 \div 9 =$ **-5**

2. $-30 \div (-10) =$ **3**

3. $7 \times (-10) =$ **-70**

4. $-4 \times (-5) =$ **20**

5. $-99 \div (-9) =$ **11**

6. $-11 \times (-4) =$ **44**

7. $-9 \times (-8) =$ **72**

8. $84 \div (-7) =$ **-12**

9. $5 \times (-8) =$ **-40**

10. $-7 \times (-10) =$ **70**

11. $-11 \times 5 =$ **-55**

12. $-18 \div (-2) =$ **9**

13. $6 \div (-2) =$ **-3**

14. $-11 \times (-12) =$ **132**

15. $-12 \div 2 =$ **-6**

16. $-24 \div 6 =$ **-4**

17. $-4 \times (-8) =$ **32**

18. $-24 \div (-6) =$ **4**

19. $30 \div (-3) =$ **-10**

20. $72 \div (-12) =$ **-6**

21. $-30 \div (-5) =$ **6**

22. $-10 \times 2 =$ **-20**

23. $-12 \times 7 =$ **-84**

24. $-49 \div (-7) =$ **7**

Three factors — ANSWER KEY

Multiply three numbers. Count the negative signs to find the sign of the answer.

1. $4 \times (-5) \times (-4) = \underline{80}$

2. $-3 \times (-3) \times 4 = \underline{36}$

3. $4 \times 3 \times (-4) = \underline{-48}$

4. $-5 \times (-4) \times (-5) = \underline{-100}$

5. $6 \times (-4) \times (-5) = \underline{120}$

6. $-3 \times (-4) \times 5 = \underline{60}$

7. $-3 \times 5 \times 2 = \underline{-30}$

8. $-6 \times (-3) \times (-6) = \underline{-108}$

9. $5 \times (-4) \times (-3) = \underline{60}$

10. $2 \times (-3) \times 4 = \underline{-24}$

11. $-5 \times 4 \times 4 = \underline{-80}$

12. $3 \times 6 \times (-4) = \underline{-72}$

13. $6 \times 3 \times (-2) = \underline{-36}$

14. $-5 \times (-3) \times 6 = \underline{90}$

15. $-4 \times 3 \times (-5) = \underline{60}$

16. $-5 \times 6 \times (-6) = \underline{180}$

17. $-5 \times (-3) \times (-5) = \underline{-75}$

18. $-2 \times (-4) \times (-2) = \underline{-16}$

19. $-2 \times 3 \times 2 = \underline{-12}$

20. $5 \times (-4) \times (-2) = \underline{40}$

21. $-6 \times 6 \times (-3) = \underline{108}$

22. $5 \times 2 \times (-5) = \underline{-50}$

23. $-6 \times 6 \times 6 = \underline{-216}$

24. $3 \times (-3) \times (-3) = \underline{27}$