

Multiplying integers — ANSWER KEY

Multiply. Decide the sign of the answer first.

1. $-9 \times (-9) = \underline{81}$

2. $-8 \times 11 = \underline{-88}$

3. $-9 \times 5 = \underline{-45}$

4. $-9 \times 10 = \underline{-90}$

5. $-9 \times (-2) = \underline{18}$

6. $10 \times (-4) = \underline{-40}$

7. $-3 \times (-10) = \underline{30}$

8. $10 \times (-6) = \underline{-60}$

9. $-11 \times (-10) = \underline{110}$

10. $-8 \times 12 = \underline{-96}$

11. $-7 \times (-3) = \underline{21}$

12. $12 \times (-4) = \underline{-48}$

13. $-7 \times (-2) = \underline{14}$

14. $-2 \times (-11) = \underline{22}$

15. $-8 \times (-11) = \underline{88}$

16. $-9 \times 12 = \underline{-108}$

17. $8 \times (-9) = \underline{-72}$

18. $11 \times (-10) = \underline{-110}$

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

20. $-2 \times 9 = \underline{-18}$

21. $-3 \times 2 = \underline{-6}$

22. $11 \times (-7) = \underline{-77}$

23. $3 \times (-4) = \underline{-12}$

24. $10 \times (-12) = \underline{-120}$

Dividing integers — ANSWER KEY

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

1. $108 \div (-9) = \underline{-12}$

2. $-27 \div 3 = \underline{-9}$

3. $42 \div (-7) = \underline{-6}$

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

5. $-110 \div (-11) = \underline{10}$

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

7. $-16 \div (-4) = \underline{4}$

8. $-100 \div 10 = \underline{-10}$

9. $-60 \div 5 = \underline{-12}$

10. $96 \div (-12) = \underline{-8}$

11. $-8 \div 4 = \underline{-2}$

12. $-6 \div 3 = \underline{-2}$

13. $24 \div (-4) = \underline{-6}$

14. $-44 \div 4 = \underline{-11}$

15. $-55 \div 11 = \underline{-5}$

16. $-108 \div (-12) = \underline{9}$

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

18. $-66 \div 6 = \underline{-11}$

19. $35 \div (-5) = \underline{-7}$

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

21. $-120 \div 10 = \underline{-12}$

22. $66 \div (-11) = \underline{-6}$

23. $-49 \div 7 = \underline{-7}$

24. $-66 \div (-11) = \underline{6}$

Mixed practice — ANSWER KEY

Multiply or divide.

1. $-4 \times (-3) = \underline{12}$

2. $-6 \times 6 = \underline{-36}$

3. $-12 \div (-2) = \underline{6}$

4. $11 \times (-3) = \underline{-33}$

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

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

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

8. $-27 \div 3 = \underline{-9}$

9. $-4 \div (-2) = \underline{2}$

10. $63 \div (-7) = \underline{-9}$

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

12. $6 \times (-11) = \underline{-66}$

13. $-30 \div (-5) = \underline{6}$

14. $-12 \times (-5) = \underline{60}$

15. $8 \div (-4) = \underline{-2}$

16. $-15 \div 3 = \underline{-5}$

17. $5 \times (-5) = \underline{-25}$

18. $12 \times (-6) = \underline{-72}$

19. $-27 \div (-3) = \underline{9}$

20. $-4 \times 6 = \underline{-24}$

21. $-28 \div (-4) = \underline{7}$

22. $-72 \div (-12) = \underline{6}$

23. $100 \div (-10) = \underline{-10}$

24. $-14 \div 7 = \underline{-2}$

Three factors — ANSWER KEY

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

1. $-4 \times (-2) \times 6 =$ **48**

2. $-2 \times 6 \times 6 =$ **-72**

3. $-3 \times (-4) \times (-6) =$ **-72**

4. $3 \times (-3) \times 2 =$ **-18**

5. $-6 \times (-6) \times 3 =$ **108**

6. $-4 \times 5 \times (-5) =$ **100**

7. $-6 \times 3 \times (-2) =$ **36**

8. $3 \times (-4) \times (-4) =$ **48**

9. $-3 \times 6 \times (-2) =$ **36**

10. $3 \times (-4) \times 3 =$ **-36**

11. $-5 \times (-4) \times 6 =$ **120**

12. $-5 \times 5 \times (-4) =$ **100**

13. $-3 \times 3 \times (-5) =$ **45**

14. $-2 \times 4 \times 5 =$ **-40**

15. $-3 \times 6 \times 2 =$ **-36**

16. $4 \times (-3) \times 3 =$ **-36**

17. $-4 \times (-6) \times 5 =$ **120**

18. $-6 \times (-5) \times 2 =$ **60**

19. $-6 \times (-3) \times 2 =$ **36**

20. $2 \times (-6) \times 3 =$ **-36**

21. $-6 \times (-6) \times (-5) =$ **-180**

22. $-6 \times 2 \times (-5) =$ **60**

23. $-4 \times (-6) \times (-4) =$ **-96**

24. $-2 \times 5 \times 6 =$ **-60**