

Multiplying integers — ANSWER KEY

Multiply. Decide the sign of the answer first.

1. $5 \times (-7) = \underline{-35}$

2. $-9 \times 10 = \underline{-90}$

3. $-5 \times (-10) = \underline{50}$

4. $-10 \times 2 = \underline{-20}$

5. $-6 \times (-11) = \underline{66}$

6. $-8 \times (-11) = \underline{88}$

7. $-4 \times 3 = \underline{-12}$

8. $-4 \times (-5) = \underline{20}$

9. $-12 \times (-12) = \underline{144}$

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

11. $-12 \times 6 = \underline{-72}$

12. $-3 \times (-12) = \underline{36}$

13. $-3 \times (-3) = \underline{9}$

14. $4 \times (-6) = \underline{-24}$

15. $-8 \times (-10) = \underline{80}$

16. $10 \times (-2) = \underline{-20}$

17. $-5 \times (-6) = \underline{30}$

18. $4 \times (-7) = \underline{-28}$

19. $7 \times (-8) = \underline{-56}$

20. $-9 \times 12 = \underline{-108}$

21. $-11 \times 8 = \underline{-88}$

22. $-6 \times (-6) = \underline{36}$

23. $-10 \times (-2) = \underline{20}$

24. $-11 \times (-2) = \underline{22}$

Dividing integers — ANSWER KEY

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

1. $-22 \div (-2) = \underline{11}$

2. $108 \div (-12) = \underline{-9}$

3. $-99 \div 9 = \underline{-11}$

4. $84 \div (-12) = \underline{-7}$

5. $24 \div (-4) = \underline{-6}$

6. $28 \div (-7) = \underline{-4}$

7. $-18 \div 3 = \underline{-6}$

8. $60 \div (-5) = \underline{-12}$

9. $-48 \div 12 = \underline{-4}$

10. $-21 \div 7 = \underline{-3}$

11. $-27 \div (-3) = \underline{9}$

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

13. $-72 \div 12 = \underline{-6}$

14. $-121 \div 11 = \underline{-11}$

15. $80 \div (-10) = \underline{-8}$

16. $66 \div (-11) = \underline{-6}$

17. $-8 \div 4 = \underline{-2}$

18. $22 \div (-11) = \underline{-2}$

19. $-20 \div (-2) = \underline{10}$

20. $120 \div (-10) = \underline{-12}$

21. $-55 \div (-11) = \underline{5}$

22. $-6 \div 3 = \underline{-2}$

23. $-50 \div 5 = \underline{-10}$

24. $-20 \div 2 = \underline{-10}$

Mixed practice — ANSWER KEY

Multiply or divide.

1. $40 \div (-10) = \underline{-4}$

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

3. $10 \div (-5) = \underline{-2}$

4. $-14 \div 7 = \underline{-2}$

5. $-3 \times 2 = \underline{-6}$

6. $84 \div (-12) = \underline{-7}$

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

8. $18 \div (-9) = \underline{-2}$

9. $-11 \times (-2) = \underline{22}$

10. $56 \div (-8) = \underline{-7}$

11. $5 \times (-10) = \underline{-50}$

12. $-2 \times (-7) = \underline{14}$

13. $9 \times (-12) = \underline{-108}$

14. $9 \times (-5) = \underline{-45}$

15. $-12 \times 4 = \underline{-48}$

16. $-9 \div (-3) = \underline{3}$

17. $-33 \div 3 = \underline{-11}$

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

19. $-9 \times (-6) = \underline{54}$

20. $21 \div (-3) = \underline{-7}$

21. $8 \times (-8) = \underline{-64}$

22. $-9 \times (-10) = \underline{90}$

23. $-4 \times 5 = \underline{-20}$

24. $60 \div (-12) = \underline{-5}$

Three factors — ANSWER KEY

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

1. $-6 \times (-3) \times (-2) = \underline{-36}$

2. $-5 \times 3 \times (-6) = \underline{90}$

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

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

5. $3 \times 4 \times (-2) = \underline{-24}$

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

7. $-4 \times (-2) \times (-5) = \underline{-40}$

8. $2 \times (-4) \times (-5) = \underline{40}$

9. $5 \times (-3) \times 5 = \underline{-75}$

10. $-6 \times (-2) \times (-2) = \underline{-24}$

11. $-2 \times (-6) \times (-2) = \underline{-24}$

12. $-4 \times (-4) \times (-2) = \underline{-32}$

13. $6 \times (-5) \times (-2) = \underline{60}$

14. $6 \times 3 \times (-4) = \underline{-72}$

15. $2 \times 6 \times (-4) = \underline{-48}$

16. $-6 \times (-3) \times (-5) = \underline{-90}$

17. $3 \times 2 \times (-6) = \underline{-36}$

18. $4 \times (-4) \times 5 = \underline{-80}$

19. $3 \times (-5) \times (-3) = \underline{45}$

20. $-4 \times 5 \times (-4) = \underline{80}$

21. $3 \times (-6) \times 5 = \underline{-90}$

22. $6 \times (-3) \times (-4) = \underline{72}$

23. $-2 \times (-5) \times (-4) = \underline{-40}$

24. $-5 \times 5 \times 6 = \underline{-150}$