



Grade 6
June 16

Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.

$$44 \overline{) 2,238}$$

2.

$$79 \overline{) 73,270}$$

3.

$$45 \overline{) 85,576}$$

4.

$$64 \overline{) 38,138}$$

5.

$$84 \overline{) 19,213}$$

6.

$$14 \overline{) 23,892}$$



Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.
$$\begin{array}{r} 50 \text{ R}38 \\ 44 \overline{) 2,238} \end{array}$$

2.
$$\begin{array}{r} 927 \text{ R}37 \\ 79 \overline{) 73,270} \end{array}$$

3.
$$\begin{array}{r} 1,901 \text{ R}31 \\ 45 \overline{) 85,576} \end{array}$$

4.
$$\begin{array}{r} 595 \text{ R}58 \\ 64 \overline{) 38,138} \end{array}$$

5.
$$\begin{array}{r} 228 \text{ R}61 \\ 84 \overline{) 19,213} \end{array}$$

6.
$$\begin{array}{r} 1,706 \text{ R}8 \\ 14 \overline{) 23,892} \end{array}$$



Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.

$$75 \overline{) 56,569}$$

2.

$$68 \overline{) 56,855}$$

3.

$$42 \overline{) 51,860}$$

4.

$$36 \overline{) 97,722}$$

5.

$$92 \overline{) 74,186}$$

6.

$$25 \overline{) 6,231}$$



Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.
$$\begin{array}{r} 754 \text{ R}19 \\ 75 \overline{) 56,569} \end{array}$$

2.
$$\begin{array}{r} 836 \text{ R}7 \\ 68 \overline{) 56,855} \end{array}$$

3.
$$\begin{array}{r} 1,234 \text{ R}32 \\ 42 \overline{) 51,860} \end{array}$$

4.
$$\begin{array}{r} 2,714 \text{ R}18 \\ 36 \overline{) 97,722} \end{array}$$

5.
$$\begin{array}{r} 806 \text{ R}34 \\ 92 \overline{) 74,186} \end{array}$$

6.
$$\begin{array}{r} 249 \text{ R}6 \\ 25 \overline{) 6,231} \end{array}$$



Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.

$$14 \overline{) 54,584}$$

2.

$$78 \overline{) 95,055}$$

3.

$$56 \overline{) 26,779}$$

4.

$$48 \overline{) 75,613}$$

5.

$$98 \overline{) 46,963}$$

6.

$$63 \overline{) 87,170}$$



Long division with a 2-digit divisor

Grade 6 Division Worksheet

Find the quotient.

1.
$$\begin{array}{r} 3,898 \text{ R}12 \\ 14 \overline{) 54,584} \end{array}$$

2.
$$\begin{array}{r} 1,218 \text{ R}51 \\ 78 \overline{) 95,055} \end{array}$$

3.
$$\begin{array}{r} 478 \text{ R}11 \\ 56 \overline{) 26,779} \end{array}$$

4.
$$\begin{array}{r} 1,575 \text{ R}13 \\ 48 \overline{) 75,613} \end{array}$$

5.
$$\begin{array}{r} 479 \text{ R}21 \\ 98 \overline{) 46,963} \end{array}$$

6.
$$\begin{array}{r} 1,383 \text{ R}41 \\ 63 \overline{) 87,170} \end{array}$$



Dividing Decimals by Whole Numbers

Grade 6 Decimals Worksheet

Find the quotient.

1. $4.2 \div 3 =$ _____

2. $0.11 \div 9 =$ _____

3. $9.1 \div 4 =$ _____

4. $0.46 \div 10 =$ _____

5. $1.7 \div 2 =$ _____

6. $4.0 \div 6 =$ _____

7. $0.53 \div 8 =$ _____

8. $0.69 \div 5 =$ _____

9. $0.43 \div 7 =$ _____

10. $0.49 \div 1 =$ _____

11. $6.6 \div 10 =$ _____

12. $0.54 \div 2 =$ _____

13. $0.68 \div 6 =$ _____

14. $8.2 \div 2 =$ _____

15. $4.4 \div 8 =$ _____

16. $0.58 \div 5 =$ _____

17. $8.8 \div 8 =$ _____

18. $1.6 \div 7 =$ _____

19. $0.35 \div 7 =$ _____

20. $6.2 \div 5 =$ _____



Dividing Decimals by Whole Numbers

Grade 6 Decimals Worksheet

Find the quotient.

1. $4.2 \div 3 = \underline{1.4}$

2. $0.11 \div 9 = \underline{0.012222}$

3. $9.1 \div 4 = \underline{2.275}$

4. $0.46 \div 10 = \underline{0.046}$

5. $1.7 \div 2 = \underline{0.85}$

6. $4.0 \div 6 = \underline{0.666667}$

7. $0.53 \div 8 = \underline{0.06625}$

8. $0.69 \div 5 = \underline{0.138}$

9. $0.43 \div 7 = \underline{0.061429}$

10. $0.49 \div 1 = \underline{0.49}$

11. $6.6 \div 10 = \underline{0.66}$

12. $0.54 \div 2 = \underline{0.27}$

13. $0.68 \div 6 = \underline{0.113333}$

14. $8.2 \div 2 = \underline{4.1}$

15. $4.4 \div 8 = \underline{0.55}$

16. $0.58 \div 5 = \underline{0.116}$

17. $8.8 \div 8 = \underline{1.1}$

18. $1.6 \div 7 = \underline{0.228571}$

19. $0.35 \div 7 = \underline{0.05}$

20. $6.2 \div 5 = \underline{1.24}$



Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet

Factor the following numbers to their prime factors. Is the number prime?

1. $59 =$ _____

2. $31 =$ _____

3. $85 =$ _____

4. $36 =$ _____

5. $3 =$ _____

6. $45 =$ _____

7. $61 =$ _____

8. $57 =$ _____

9. $37 =$ _____

10. $23 =$ _____

11. $2 =$ _____

12. $4 =$ _____

13. $97 =$ _____

14. $35 =$ _____

15. $74 =$ _____

16. $8 =$ _____

17. $91 =$ _____

18. $12 =$ _____

19. $86 =$ _____

20. $33 =$ _____



Factoring numbers (1-100) to prime factors

Grade 6 Factoring Worksheet

Factor the following numbers to their prime factors. Is the number prime?

1. $59 = \underline{59 \text{ (Yes)}}$

2. $31 = \underline{31 \text{ (Yes)}}$

3. $85 = \underline{5 \times 17 \text{ (No)}}$

4. $36 = \underline{2 \times 2 \times 3 \times 3 \text{ (No)}}$

5. $3 = \underline{3 \text{ (Yes)}}$

6. $45 = \underline{3 \times 3 \times 5 \text{ (No)}}$

7. $61 = \underline{61 \text{ (Yes)}}$

8. $57 = \underline{3 \times 19 \text{ (No)}}$

9. $37 = \underline{37 \text{ (Yes)}}$

10. $23 = \underline{23 \text{ (Yes)}}$

11. $2 = \underline{2 \text{ (Yes)}}$

12. $4 = \underline{2 \times 2 \text{ (No)}}$

13. $97 = \underline{97 \text{ (Yes)}}$

14. $35 = \underline{5 \times 7 \text{ (No)}}$

15. $74 = \underline{2 \times 37 \text{ (No)}}$

16. $8 = \underline{2 \times 2 \times 2 \text{ (No)}}$

17. $91 = \underline{7 \times 13 \text{ (No)}}$

18. $12 = \underline{2 \times 2 \times 3 \text{ (No)}}$

19. $86 = \underline{2 \times 43 \text{ (No)}}$

20. $33 = \underline{3 \times 11 \text{ (No)}}$



Exponents with whole number bases

Grade 6 Exponents Worksheet

Solve the following exponents.

1. $4^3 =$ _____

2. $0^3 =$ _____

3. $10^1 =$ _____

4. $10^6 =$ _____

5. $2^1 =$ _____

6. $8^8 =$ _____

7. $7^6 =$ _____

8. $9^4 =$ _____

9. $5^9 =$ _____

10. $0^2 =$ _____

11. $6^2 =$ _____

12. $9^2 =$ _____



Exponents with whole number bases

Grade 6 Exponents Worksheet

Solve the following exponents.

1. $4^3 = 64$ _____

2. $0^3 = 0$ _____

3. $10^1 = 10$ _____

4. $10^6 = 1,000,000$ _____

5. $2^1 = 2$ _____

6. $8^8 = 16,777,216$ _____

7. $7^6 = 117,649$ _____

8. $9^4 = 6,561$ _____

9. $5^9 = 1,953,125$ _____

10. $0^2 = 0$ _____

11. $6^2 = 36$ _____

12. $9^2 = 81$ _____



Simple proportions

Grade 6 Ratios Worksheet

Use cross multiplication to solve the following proportions.

1. $\frac{6}{6} = \frac{15}{18}$

2. $\frac{3}{3} = \frac{16}{24}$

3. $\frac{3}{5} = \frac{\quad}{15}$

4. $\frac{6}{6} = \frac{2}{12}$

5. $\frac{5}{5} = \frac{16}{20}$

6. $\frac{1}{2} = \frac{\quad}{8}$

7. $\frac{8}{8} = \frac{10}{16}$

8. $\frac{2}{2} = \frac{4}{8}$

9. $\frac{4}{4} = \frac{9}{12}$

10. $\frac{1}{3} = \frac{3}{\quad}$

11. $\frac{\quad}{2} = \frac{4}{8}$

12. $\frac{\quad}{2} = \frac{10}{20}$



Simple proportions

Grade 6 Ratios Worksheet

Use cross multiplication to solve the following proportions.

1. $\frac{5}{6} = \frac{15}{18}$

2. $\frac{2}{3} = \frac{16}{24}$

3. $\frac{3}{5} = \frac{9}{15}$

4. $\frac{1}{6} = \frac{2}{12}$

5. $\frac{4}{5} = \frac{16}{20}$

6. $\frac{1}{2} = \frac{4}{8}$

7. $\frac{5}{8} = \frac{10}{16}$

8. $\frac{1}{2} = \frac{4}{8}$

9. $\frac{3}{4} = \frac{9}{12}$

10. $\frac{1}{3} = \frac{3}{9}$

11. $\frac{1}{2} = \frac{4}{8}$

12. $\frac{1}{2} = \frac{10}{20}$

Fractions to percents

Grade 6 Percents Worksheet

Convert.

1. $5 \frac{2}{10} =$ _____

2. $3 \frac{80}{100} =$ _____

3. $7 \frac{1}{10} =$ _____

4. $1 \frac{36}{100} =$ _____

5. $6 \frac{2}{10} =$ _____

6. $1 \frac{3}{10} =$ _____

7. $6 \frac{11}{100} =$ _____

8. $4 \frac{5}{10} =$ _____

9. $1 \frac{74}{100} =$ _____

10. $8 \frac{45}{100} =$ _____

11. $7 \frac{5}{10} =$ _____

12. $3 \frac{6}{10} =$ _____

13. $9 \frac{11}{100} =$ _____

14. $2 \frac{7}{10} =$ _____

15. $7 \frac{48}{100} =$ _____

16. $5 \frac{7}{10} =$ _____

Fractions to percents

Grade 6 Percents Worksheet

Answers

- 1) 520%
- 2) 380%
- 3) 710%
- 4) 136%
- 5) 620%
- 6) 130%
- 7) 611%
- 8) 450%
- 9) 174%
- 10) 845%
- 11) 750%
- 12) 360%
- 13) 911%
- 14) 270%
- 15) 748%
- 16) 570%



Addition of three integers

Grade 6 Integers Worksheet

Find the sum.

1. $6 + -12 + 2 =$ _____

2. $11 + 14 + -2 =$ _____

3. $-12 + -5 + -10 =$ _____

4. $5 + 13 + 6 =$ _____

5. $1 + -13 + 14 =$ _____

6. $1 + 14 + 17 =$ _____

7. $6 + 20 + 15 =$ _____

8. $0 + -8 + -7 =$ _____

9. $3 + 10 + -15 =$ _____

10. $3 + -16 + -16 =$ _____

11. $-18 + -5 + 3 =$ _____

12. $18 + 15 + 14 =$ _____

13. $-14 + 4 + 5 =$ _____

14. $-5 + 17 + -15 =$ _____

15. $5 + -16 + 15 =$ _____

16. $3 + -6 + 17 =$ _____

17. $-19 + -8 + -15 =$ _____

18. $-9 + 4 + 15 =$ _____



Addition of three integers

Grade 6 Integers Worksheet

Find the sum.

1. $6 + -12 + 2 = \underline{-4}$

2. $11 + 14 + -2 = \underline{23}$

3. $-12 + -5 + -10 = \underline{-27}$

4. $5 + 13 + 6 = \underline{24}$

5. $1 + -13 + 14 = \underline{2}$

6. $1 + 14 + 17 = \underline{32}$

7. $6 + 20 + 15 = \underline{41}$

8. $0 + -8 + -7 = \underline{-15}$

9. $3 + 10 + -15 = \underline{-2}$

10. $3 + -16 + -16 = \underline{-29}$

11. $-18 + -5 + 3 = \underline{-20}$

12. $18 + 15 + 14 = \underline{47}$

13. $-14 + 4 + 5 = \underline{-5}$

14. $-5 + 17 + -15 = \underline{-3}$

15. $5 + -16 + 15 = \underline{4}$

16. $3 + -6 + 17 = \underline{14}$

17. $-19 + -8 + -15 = \underline{-42}$

18. $-9 + 4 + 15 = \underline{10}$