

# Grade 4 Math Workbook

Learn with Penny and Bao

This workbook belongs to: _____

**Inside**


1. Multiply by One Digit
2. Division with Remainders
3. Equivalent Fractions
4. Park Story Problems


Answer keys are at the back of the book.

# Multiply by One Digit

Grade 4 | Math

Name: _____ Date: _____

*Multiply. Remember to carry when a product is 10 or more.*

| | | | | |
|---|---|---|---|---|
| 1. 27 × 8 | 2. 47 × 7 | 3. 89 × 9 | 4. 84 × 3 | 5. 84 × 4 |
| 6. 39 × 4 | 7. 67 × 6 | 8. 99 × 7 | 9. 55 × 6 | 10. 51 × 5 |
| 11. 38 × 6 | 12. 50 × 4 | 13. 55 × 8 | 14. 89 × 5 | 15. 85 × 3 |
| 16. 74 × 9 | 17. 58 × 5 | 18. 60 × 5 | 19. 65 × 7 | 20. 30 × 6 |

# Division with Remainders

Grade 4 | Math

Name: _____ Date: _____

*Divide. Write any remainder after an R, like 12 R3.*

1. 533 ÷ 9 = _____
2. 492 ÷ 5 = _____
3. 599 ÷ 7 = _____
4. 369 ÷ 7 = _____
5. 442 ÷ 9 = _____
6. 130 ÷ 2 = _____
7. 655 ÷ 9 = _____
8. 205 ÷ 3 = _____
9. 247 ÷ 3 = _____
10. 171 ÷ 2 = _____
11. 737 ÷ 9 = _____
12. 148 ÷ 8 = _____
13. 58 ÷ 5 = _____
14. 104 ÷ 2 = _____
15. 146 ÷ 2 = _____
16. 730 ÷ 9 = _____
17. 133 ÷ 4 = _____
18. 111 ÷ 3 = _____
19. 47 ÷ 3 = _____
20. 645 ÷ 8 = _____

# Equivalent Fractions

Grade 4 | Math

Name: _____ Date: _____

*Find the missing number to make the fractions equal.*

1. $\frac{1}{6} = \frac{\square}{30}$
2. $\frac{7}{8} = \frac{\square}{24}$
3. $\frac{3}{8} = \frac{\square}{32}$
4. $\frac{1}{5} = \frac{\square}{10}$
5. $\frac{2}{3} = \frac{\square}{6}$
6. $\frac{3}{4} = \frac{\square}{16}$
7. $\frac{1}{6} = \frac{\square}{12}$
8. $\frac{5}{8} = \frac{\square}{40}$
9. $\frac{1}{3} = \frac{\square}{6}$
10. $\frac{5}{6} = \frac{\square}{12}$
11. $\frac{3}{4} = \frac{\square}{8}$
12. $\frac{7}{8} = \frac{\square}{32}$
13. $\frac{1}{6} = \frac{\square}{18}$
14. $\frac{1}{6} = \frac{\square}{24}$
15. $\frac{2}{5} = \frac{\square}{10}$
16. $\frac{2}{5} = \frac{\square}{15}$

# Park Story Problems

Grade 4 | Math

Name: _____ Date: _____

*Read each story carefully. Some take more than one step.*

1. 102 visitors are split into 3 equal tour groups. How many are in each group, and how many are left over?

   Answer: _____

2. A ticket costs $99. How much do 9 tickets cost?

   Answer: _____

3. Penny ate 3/10 of a waffle and Bao ate 6/10. What fraction of the waffle did they eat together?

   Answer: _____

4. The roller coaster runs 39 times a day and carries 24 riders each time. How many riders is that in a day?

   Answer: _____

5. Bao walks 3062 steps before lunch and 3518 steps after. Penny walks 4458 steps all day. How many more steps did Bao walk?

   Answer: _____

6. A parade has 24 floats with 10 dancers on each float. How many dancers are there?

   Answer: _____

# Multiply by One Digit (answer key)



*Multiply. Remember to carry when a product is 10 or more.*

| | | | | |
|---|---|---|---|---|
| 1. 27 × 8 = **216** | 2. 47 × 7 = **329** | 3. 89 × 9 = **801** | 4. 84 × 3 = **252** | 5. 84 × 4 = **336** |
| 6. 39 × 4 = **156** | 7. 67 × 6 = **402** | 8. 99 × 7 = **693** | 9. 55 × 6 = **330** | 10. 51 × 5 = **255** |
| 11. 38 × 6 = **228** | 12. 50 × 4 = **200** | 13. 55 × 8 = **440** | 14. 89 × 5 = **445** | 15. 85 × 3 = **255** |
| 16. 74 × 9 = **666** | 17. 58 × 5 = **290** | 18. 60 × 5 = **300** | 19. 65 × 7 = **455** | 20. 30 × 6 = **180** |

# Division with Remainders (answer key)



*Divide. Write any remainder after an R, like 12 R3.*

1. 533 ÷ 9 = **59 R2**
2. 492 ÷ 5 = **98 R2**
3. 599 ÷ 7 = **85 R4**
4. 369 ÷ 7 = **52 R5**
5. 442 ÷ 9 = **49 R1**
6. 130 ÷ 2 = **65**
7. 655 ÷ 9 = **72 R7**
8. 205 ÷ 3 = **68 R1**
9. 247 ÷ 3 = **82 R1**
10. 171 ÷ 2 = **85 R1**
11. 737 ÷ 9 = **81 R8**
12. 148 ÷ 8 = **18 R4**
13. 58 ÷ 5 = **11 R3**
14. 104 ÷ 2 = **52**
15. 146 ÷ 2 = **73**
16. 730 ÷ 9 = **81 R1**
17. 133 ÷ 4 = **33 R1**
18. 111 ÷ 3 = **37**
19. 47 ÷ 3 = **15 R2**
20. 645 ÷ 8 = **80 R5**

# Equivalent Fractions (answer key)



*Find the missing number to make the fractions equal.*

1. $\frac{1}{6} = \frac{5}{30}$
2. $\frac{7}{8} = \frac{21}{24}$
3. $\frac{3}{8} = \frac{12}{32}$
4. $\frac{1}{5} = \frac{2}{10}$
5. $\frac{2}{3} = \frac{4}{6}$
6. $\frac{3}{4} = \frac{12}{16}$
7. $\frac{1}{6} = \frac{2}{12}$
8. $\frac{5}{8} = \frac{25}{40}$
9. $\frac{1}{3} = \frac{2}{6}$
10. $\frac{5}{6} = \frac{10}{12}$
11. $\frac{3}{4} = \frac{6}{8}$
12. $\frac{7}{8} = \frac{28}{32}$
13. $\frac{1}{6} = \frac{3}{18}$
14. $\frac{1}{6} = \frac{4}{24}$
15. $\frac{2}{5} = \frac{4}{10}$
16. $\frac{2}{5} = \frac{6}{15}$

# Park Story Problems  (answer key)

Grade 4 | Math

*Read each story carefully. Some take more than one step.*

1. 102 visitors are split into 3 equal tour groups. How many are in each group, and how many are left over?

   Answer: **34**

2. A ticket costs $99. How much do 9 tickets cost?

   Answer: **$891**

3. Penny ate 3/10 of a waffle and Bao ate 6/10. What fraction of the waffle did they eat together?

   Answer: **9/10**

4. The roller coaster runs 39 times a day and carries 24 riders each time. How many riders is that in a day?

   Answer: **936**

5. Bao walks 3062 steps before lunch and 3518 steps after. Penny walks 4458 steps all day. How many more steps did Bao walk?

   Answer: **2122**

6. A parade has 24 floats with 10 dancers on each float. How many dancers are there?

   Answer: **240**