

# Grade 6 Math Practice

Common Core State Standards · Grade 6

Solve each problem.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $3:6 = 9: \underline{\hspace{1cm}}$  .....

2. Find 50% of 720. ....

3. 11 notebooks cost \$165.  
What is the cost per notebook? .....

4.  $8:3 = \underline{\hspace{1cm}}:6$  .....

5. Find 75% of 240. ....

6. 11 notebooks cost \$154.  
What is the cost per notebook? .....

7.  $\underline{\hspace{1cm}}:30 = 8:3$  .....

8. Find 10% of 120. ....

9. 4 notebooks cost \$48.  
What is the cost per notebook? .....

10.  $72:\underline{\hspace{1cm}} = 8:3$  .....

11. Find 10% of 600. ....

12. 12 notebooks cost \$228.  
What is the cost per notebook? .....

13.  $3:9 = 33:\underline{\hspace{1cm}}$  .....

14. Find 25% of 180. ....

15. 12 notebooks cost \$72.  
What is the cost per notebook? .....

16.  $63:\underline{\hspace{1cm}} = 9:2$  .....

17. Find 10% of 460. ....

18. 12 notebooks cost \$156.  
What is the cost per notebook? .....

19.  $7:2 = \underline{\hspace{1cm}}:6$  .....

20. Find 50% of 380. ....

21. 10 notebooks cost \$20.  
What is the cost per notebook? .....

22.  $\underline{\hspace{1cm}}:32 = 2:4$  .....

23. Find 5% of 480. ....

24. 5 notebooks cost \$30.  
What is the cost per notebook? .....

# Grade 6 Math Practice · Answers

Common Core State Standards · Grade 6

Name: \_\_\_\_\_

Date: \_\_\_\_\_

1.  $3:6 = 9:18$  .....

2. Find 50% of 720. Answer: **360** .....

3. 11 notebooks cost \$165.  
What is the cost per notebook? Answer: **\$15** .....

4.  $8:3 = 16:6$  .....

5. Find 75% of 240. Answer: **180** .....

6. 11 notebooks cost \$154.  
What is the cost per notebook? Answer: **\$14** .....

7.  $80:30 = 8:3$  .....

8. Find 10% of 120. Answer: **12** .....

9. 4 notebooks cost \$48.  
What is the cost per notebook? Answer: **\$12** .....

10.  $72:27 = 8:3$  .....

11. Find 10% of 600. Answer: **60** .....

12. 12 notebooks cost \$228.  
What is the cost per notebook? Answer: **\$19** .....

13.  $3:9 = 33:99$  .....

14. Find 25% of 180. Answer: **45** .....

15. 12 notebooks cost \$72.  
What is the cost per notebook? Answer: **\$6** .....

16.  $63:14 = 9:2$  .....

17. Find 10% of 460. Answer: **46** .....

18. 12 notebooks cost \$156.  
What is the cost per notebook? Answer: **\$13** .....

19.  $7:2 = 21:6$  .....

20. Find 50% of 380. Answer: **190** .....

21. 10 notebooks cost \$20.  
What is the cost per notebook? Answer: **\$2** .....

22.  $16:32 = 2:4$  .....

23. Find 5% of 480. Answer: **24** .....

24. 5 notebooks cost \$30.  
What is the cost per notebook? Answer: **\$6** .....