

## Chapter 4 Test Form B

1. Write the decimal number 5.053 in words.
2. Give the place value of the 4 in the number 53.0543.
3. Write seventeen and four hundred six ten thousandths as a decimal number.
4. Round 46.7549 to the nearest hundredth.

Perform the following operations.

5.  $7 + 0.6 + 0.58$
6.  $12.032 - 5.976$
7.  $5.7(6.24)$
8.  $22.672 \div 2.6$
9. Write  $\frac{23}{25}$  as a decimal.
10. Write 0.56 as a fraction in lowest terms.

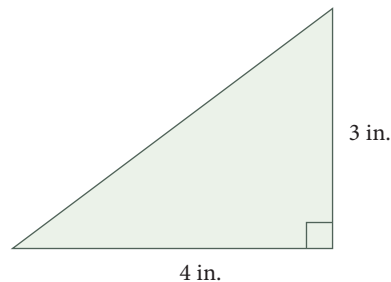
Simplify each expression as much as possible.

11.  $5.2(2.8 + 0.02)$
12.  $5.2 - 3(0.17)$
13.  $23.852 - 3(2.01 + 0.231)$
14.  $\frac{3}{5}(0.6) - \frac{2}{3}(0.15)$

Simplify each expression as much as possible.

15.  $2\sqrt{36} + 3\sqrt{64}$
16.  $\sqrt{\frac{25}{81}}$

17. A person purchases \$8.47 worth of goods at a drugstore. If a \$20 bill is used to pay for the purchases, how much change is received?
18. If coffee sells for \$5.44 per pound, how much will  $3\frac{1}{2}$  pounds of coffee cost?
19. If a person earns \$262 for working 40 hours, what is the person's hourly wage?
20. Find the length of the hypotenuse of the right triangle below.



## Answers

1. five and fifty-three thousandths   2. thousandths   3. 17.0406   4. 46.75   5. 8.18   6. 6.056  
7. 35.568   8. 8.72   9. 0.92   10.  $\frac{14}{25}$    11. 14.664   12. 4.69   13. 17.129   14. 0.26   15. 36  
16.  $\frac{5}{9}$    17. \$11.53   18. \$19.04   19. \$6.55   20. 5 in.