

Topic 3 Test

BE SURE TO SHOW ALL YOUR WORK!

Find the exact sum or difference.

1. $23.75 + 31.91$

1. _____

 C H W

2. $98.23 - 42.33$

2. _____

 C H W

3. $2.17 - 0.8$

3. _____

 C H W

4. $27.0 + 0.185$

4. _____

 C H W

5. $12.3456 + 65.4321$

5. _____

 C H W

Find the exact product.

6. $6.4 \cdot 3.2$

6. _____

 C H W

7. $0.22 \cdot 0.3$

7. _____

 C H W

8. $100,000 \cdot 2.12345$

8. _____

 C H W

9. $25.25 \cdot 0.01$

9. _____

 C H W**Find the exact quotient.**

10. $7 \div 7,000$

10. _____

 C H W

11. $126 \div 0.9$

11. _____

 C H W

12. $23.1 \div 0.7$

12. _____

 C H W

13. $2.24 \div 3.2$

13. _____

 C H W

14. $1.75 \div 0.025$

14. _____

 C H W**Write the following numbers in scientific notation.**

15. 0.00000175

15. _____

 C H W

16. 98,000,000,000

16. _____

 C H W

17. 0.0000000000919

17. _____

 C H W

18. 37,840,000,000,000,000,000

18. _____

 C H W

Write the following numbers in standard form.

19. $2.125 \cdot 10^7$

19. _____

 C H W

20. $3.142 \cdot 10^{-5}$

20. _____

 C H W

Extra Credit

Estimate the quotient.

EC 1: $1,225 \div 122$

EC 1: _____

 C H W

Evaluate the following expression.

EC 2: $(8.7 - 3.2) \div 0.5$

EC 2: _____

 C H W