

Math 6 Unit 5
Arithmetic in Base Ten
Additional Practice Problems

Name: _____ Date: _____ Core: _____

1. Movies cost \$10.25 per ticket, popcorn costs \$4.99, and candy bars costs \$3.50. How much would it cost for 3 people to go the movies and each person will get 1 popcorn and 1 candy bar?

2.) $6 - 0.45$

3.) $0.005 + 0.2$

4.) $8 - 0.14$

5.) $5.2 (3)$

6.) $7.1 (4.08)$

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7.) $6 \div 12$	8.) $00.654 \div 0.3$
9.) $159.4 \div 0.002$	10. Sal worked as a computer coder for \$35.15 per hour. He worked 6 hours per day for 10 days. How much did Sal earn?
11. Jada and Tim together have \$32.56. Jada has \$ 21.80. How much did Tim have? a.) \$10.76 b.) \$54.36 c.) \$1.76 d.) \$30.38	12. If Sally gets paid \$8.25 each hour she works and she works 6.5 hours. How much did she earn? a.) \$53.71 b.) \$1.75 c.) \$53.63 d.) \$14.75

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13. Marcus ran a 13.1 mile race ($\frac{1}{2}$ marathon) in 91.7 minutes. How fast did he run each mile?

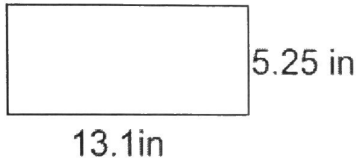
- a.) 0.14 min per mile
b.) 7 min per mile
c.) 104.8 min per mil
d.) 9 min per mil

131
2
131
7
917

14. Jennifer filled her car with gas. Gas cost \$2.83 per gallon. She pumped 10.8 gallons. What was her total cost?

- a.) \$33.42
b.) \$30.08
c.) \$32.48
d.) \$30.56

15. Jack needs to create a string border around the following poster. How much string does he need?



- a.) 36.7 in
b.) 13.17 in
c.) 18.35 in
d.) 65.6 in

16. It takes Diego 77 minutes to complete 3.5 assignments. Determine his average rate of work completion speed.

- a.) 22 min per assignment
b.) 0.045 min per assignment
c.) 25 min per assignment
d.) 2.7 min per assignment

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<p>17. When purchasing a sweater for \$49.99 you also need to pay \$3.50 sales tax. What is the total amount paid for the sweater?</p> <p>a.) \$46.49 b.) \$49.64 c.) \$53.49 d.) \$50.34</p>	<p>18. If you pay a \$15.34 bill with \$20. How much change will you receive back ?</p> <p>a.) \$15.14 b.) \$15.26 c.) \$5.76 d.) \$4.66</p>
<p>19. A bookshelf is 16.5 inch long. If each book is 2.5 in wide, how many books can fit on the shelf?</p> <p>a.) 5 b.) 6 c.) 7 d.) 8</p>	<p>20. Sally needs to earn 90% of the 75 points to reach her goal. How many points is that?</p> <p>a.) 7.5 b.) 6.75 c.) 67.5 d.) 71</p>