

## 7.NS.2: Worksheet

### Solutions

1. What is  $-\frac{3}{8}$  in decimal form? It's equivalent to  $-0.375$ .
2. What's the product of  $-3.223$  and  $-4$ ? The product is  $12.892$ .
3. D.J. is on a long 18.1-mile hike through Yellowstone. If he wants to spread out his journey evenly over 5 hours, how far does he need to hike every hour? He'll need to hike 3.62 miles every hour for 5 hours.
4. Bagels at the Bagel Connection cost \$1.50 each, and cream cheese is an extra \$0.70 per bagel. If Todd wants 3 bagels with cream cheese and 2 without, how much money does he need to bring? He needs \$9.60 for everything.
5. What is  $\frac{6}{11}$  in decimal form? It's  $0.\overline{54}$ , which repeats infinitely.
6. Is  $-\frac{5}{11}$  equivalent to  $\frac{-5}{11}$ ? Why or why not? Nope, they're not equivalent because the two negative signs in the second fraction will cancel each other out, and  $\frac{5}{11}$  is not the same thing as  $-\frac{5}{11}$ .
7. What is  $(-4)(-0.33 - 0.2)$ ? 2.12
8. Fred wants to split his savings of \$1012.74 evenly into 3 different bank accounts (he's super paranoid like that). How much will be in each account? He'll have \$337.58 in each account.
9. What is  $\frac{3}{17} \times 3.1 \times \frac{51}{9}$ ? The product is 3.1.
10. Joanna wants to buy 14 hamsters. The pet store used to charge \$11.50 per hamster, but they've just doubled their prices due to a serious hamster recession. After the price hike, how much will Joanna need to pay for all her hamsters? It'll cost her \$322.00.