

Multiple Choice

1. If you bake 2 batches of 3 cookies, how many cookies have you baked?
(a) 3 cookies (b) 9 cookies (c) 5 cookies (d) 6 cookies (e) 12 cookies
2. Remi has \$100. She buys a book for \$10. How much money does she have left?
(a) \$10 (b) \$80 (c) \$110 (d) \$120 (e) \$90
3. Shilp wants to be a farmer, so he buys 4 farms. If he can grow 17 carrots on each farm, how many carrots can he plant in total?
(a) 72 carrots (b) 69 carrots (c) 40 carrots (d) 74 carrots (e) 68 carrots
4. A bottle of tea costs \$5. If Reyna wants to buy 2 bottles of tea, how much will that cost? .
(a) \$18 (b) \$5 (c) \$10 (d) \$15 (e) \$20
5. Anika has a pink shirt, a yellow hat, two orange shirts, three white shirts, two black dresses, and four blue shirts. How many shirts does she have in total?
(a) 12 (b) 9 (c) 11 (d) 10 (e) 13
6. Julianna's phone has 100% battery at the start of the day. By 4pm, she only has 43% remaining. How much battery did she use?
(a) 43% (b) 67% (c) 47% (d) 57% (e) 34%
7. What is the value of $15 + 2(9 - 3)$?
(a) 27 (b) 26 (c) 103 (d) 100 (e) 0
8. What is the value of $\frac{22(3-5)}{2}$?
(a) 22 (b) -22 (c) -11 (d) 11 (e) -1
9. What is the value of $(2+3)6$?
(a) 11 (b) 25 (c) 30 (d) 12 (e) 1
10. Shilp posts a picture on Mission Math's Instagram page and it gets 3 likes from its followers. If Mission Math has 22 followers, how many followers did not like the photo?
(a) 19 (b) 17 (c) 18 (d) 22 (e) 9
11. What is the third number starting at 0 and counting by 2?
(a) 2 (b) 6 (c) 3 (d) 5 (e) 4
12. Bob is grouping up his zombies; he counts 100 groups of 100. How many zombies does he have?
(a) 100,000 (b) 10,000 (c) 1,000 (d) 100 (e) 500
13. What is $17 - 8$? .
(a) 8 (b) 9 (c) 25 (d) 13 (e) 7

14. What is the remainder when 7 is divided by 3?
(a) 2.3 (b) 2 (c) 1 (d) 0 (e) 3
15. Mary has 5 pieces of candy. Tommy has 17. How many pieces of candy should Tommy give to Mary so that the two have the same amount of candy?
(a) 11 (b) 10 (c) 6 (d) 5 (e) 10
16. John has 3 nickels and 3 quarters. How much money (in cents) does he have?
(a) 90 (b) 95 (c) 100 (d) 80 (e) 85
17. I bought a cake, and have $\frac{1}{2}$ of it left. If Tarun eats $\frac{3}{4}$ of what I have, how much is left of the original cake?
(a) $\frac{3}{8}$ (b) $\frac{9}{8}$ (c) $\frac{3}{4}$ (d) $\frac{5}{8}$ (e) 1
18. A watermelon weighs the same as three oranges, and one orange weighs the same as two lemons. How many lemons will weigh the same as one watermelon?
(a) 7 (b) 6 (c) 5 (d) 9 (e) 12
19. What is $1 \times (2 + 3) \times (4 + 1)$?
(a) 11 (b) 25 (c) 15 (d) 21 (e) 26
20. In a flowerpot, there are 4 red roses, 3 yellow roses, and 7 yellow sunflowers. What fraction of all the flowers in the flowerpot are yellow?
(a) $\frac{5}{7}$ (b) $\frac{5}{14}$ (c) $\frac{1}{2}$ (d) $\frac{7}{15}$ (e) $\frac{3}{14}$

Free Response

1. What is $1 + 3 + 4 + 7$?
2. Chloe can finish 7 paintings in 3 hours. How many hours would it take her to finish 21 paintings?
3. While in class, Diane and Kelly notice that their rulers have been poorly made. Diane's is only 5 inches long and Kelly's is 2 inches longer than Diane's. How many inches long will their ruler be if they put their rulers together?
4. Abby has 20 green and white marbles in a bag. If the bag only has 12 green marbles, how many white marbles are in the bag?
5. Ava scored $\frac{8}{10}$ on a test. What percentage of the questions did she get right?
6. What is the value of $1 \times 2 \times 3 \times (22 - 2)$?
7. Maura jumps 2 feet in the air. How many inches is this?
8. Cary the Cockroach climbs 3 feet up a pole every day and slides down 2 feet every night. How many days will it take for Cary to reach the top of a 6 foot pole?
9. A kangaroo jumps once every 5 seconds. How many times does it jump in one minute?
10. The king of Candyland was making his annual visit to all the towns of Candyland. Nolan was 18th in line to meet the king, and there were as many people waiting in front of him as behind him. How many people were in line to meet the king?