

SAMPLE

Score: _____/16

Multiple Operations - Calculate the following problems. Round to the nearest hundredths where needed.

1. $220 \div (11 \times 11) =$

2. $13 \times (9 - 2) \times 5 =$

3. $396 - (6 \div 3 + 12) =$

4. $10 - (2 \frac{1}{2} - \frac{1}{2} - \frac{4}{5}) =$

5. $(\frac{2}{3} + 1 \frac{2}{3}) \times 3 =$

6. $16 \times 16 - (4 + 8) =$

7. $333 \div (9 - 5) =$

8. $15 + 3 \times (5 + 10) =$

9. $(121 + 329) \times (24 \div 2) =$

10. $(629 - 169) \div 14 =$

Word Problems

11-12. Anna is making a dress. She needs to cut the material, stitch the dress, and do embroidery work on it. Cutting the material takes $\frac{1}{2}$ of the total time. Stitching takes $\frac{2}{3}$ of the remaining. The rest of the time is taken up by embroidery.

11. What fraction of the total time goes into stitching?

12. What fraction of the total time does embroidery take?

13-15. Joe planted 100 flowers. $\frac{1}{10}$ of the flowers did not grow. Of the remaining flowers, $\frac{1}{3}$ of them bloomed into red flowers. The rest bloomed into blue flowers.

13. What fraction of the plants were red flowers?

14. What fraction of the plants were blue flowers?

15. How many plants were red and blue flowers?

16. What is equal to two-fifths of 40?

a) half of 50

b) four-fifths of 20

c) two-thirds of 30

d) a third of 45