

## Summer Math Practice for Students Entering 8<sup>th</sup> Grade

Work the following sets of problems over the summer. Be sure to show all your work on a separate sheet of paper. Remember: **NO** calculators should be used for any of these problems. Do Set 1 in June, Set 2 in July and Set 3 in August. Be prepared to turn in this assignment and work to your math teacher next school year when they request it.

### Set 1

1.  $327 + 558$
2.  $152 - 67$
3.  $307 \times 15$
4.  $2058 \div 2$
5.  $3.48 + 12$
6.  $37.96 - 7.9$
7.  $0.3 \times 0.3$
8.  $1058 \div 0.2$
9.  $3\frac{1}{2} + 4\frac{1}{2}$
10.  $8\frac{1}{2} + 3\frac{1}{2}$
11.  $\frac{1}{2} \times \frac{2}{3}$
12.  $\frac{2}{3} + \frac{1}{3}$
13. Round 4.533 to the nearest whole number
14. Simplify  $12 - 9 \div 3$
15. Evaluate  $r + 5.6$  if  $r = 18$
16. Solve  $17 + x = 29$
17. Solve  $\frac{1}{4} = \frac{1}{x}$
18. Give the area and perimeter of a rectangle with length = 5 cm and width = 3 cm
19. Write  $\frac{1}{4}$  as a percent
20. Find 20% of 30

### Set 2

1.  $4129 + 783$
2.  $403 - 294$
3.  $225 \times 70$
4.  $1008 \div 28$
5.  $5.8 + 132.73$
6.  $132.73 - 5.5$
7.  $2.7 \times 1.6$
8.  $112.5 \div 2.5$
9.  $2\frac{1}{2} + 3\frac{1}{2}$
10.  $7 - 4\frac{1}{2}$
11.  $\frac{2}{3} \times 20$
12.  $2 + \frac{1}{3}$
13. Round 5.729 to the nearest tenth
14. Simplify:  $9^2 - 8 \div 2 \times 2$
15. Evaluate:  $a + 8\frac{1}{2}$  if  $a = 5$
16. Solve:  $x - 13 = 9$
17. Solve:  $\frac{1}{20} = \frac{6}{x}$
18. Give the measure of the angle that is complementary to an angle that measures  $71^\circ$
19. Write  $\frac{1}{4}$  as a decimal
20. Find the GCF and LCM of 10 and 12

### Set 3

1.  $1076 + 784$
2.  $1952 - 825$
3.  $892 \times 49$
4.  $624 \div 12$
5.  $37.96 + 7.9$
6.  $12 - 3.48$
7.  $3.72 \times 5.8$
8.  $31.32 \div 8.7$
9.  $5\frac{1}{4} + 4\frac{3}{4}$
10.  $12\frac{1}{2} - 9\frac{1}{2}$
11.  $4 \times 7\frac{1}{2}$
12.  $1\frac{1}{8} + \frac{1}{2}$
13. Round 5.729 to the nearest hundredth
14. Simplify:  $(29 - 2) \div 3 + 6$
15. Evaluate  $2m$  if  $m = 7.2$
16. Solve:  $5y = 45$
17. Solve:  $\frac{1}{15} = \frac{2}{x}$
18. Give the geometric term for an angle with measure  $32^\circ$
19. Write 0.95 as a fraction in lowest terms
20. Find the prime factorization of 60

# Mct2 Practice Test 8th Grade Math

**Gowri Vemuri**



**Mct2 Practice Test 8th Grade Math:**

## Reviewing **Mct2 Practice Test 8th Grade Math**: Unlocking the Spellbinding Force of Linguistics

In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is truly astonishing. Within the pages of "**Mct2 Practice Test 8th Grade Math**," an enthralling opus penned by a highly acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve in to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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