

Math Summer Work
for students entering 6th grade

Summer math practice is assigned to help students maintain the progress they've made this year. Research shows that students benefit more from shorter, more frequent practice sessions rather than longer, less frequent ones. Our recommendation is that students work 10–15 minutes, three times per week. We also understand that summer includes vacations, activities, and other commitments, so we know some sessions may be missed. The goal is simply to keep students “math brain” active over the break so they are prepared for fresh start in 7th grade.

Students will complete have both paper / pencil and digital practice. They will complete a packet of review skills / fluency. **All work should be shown in order to receive credit.** In addition students should complete 100 questions in IXL for the month of June and 100 questions for the month of July for a total of 200 questions. Questions must be from levels E-H in order to count. Students can work on the teacher assigned lessons.

When we return in August, the summer math work will count as a minor grade. Please refer to the grading scale below.

Please Note: Those students who fail to complete the summer work by Wednesday, August 12th will have until August 19th to turn it in. Each day late is 10% off the final grade. No summer work will be accepted after August 19th.

I hope everyone has a wonderful summer break. Please reach out if you have in any questions.

Blessings,
Terri Johnson

Name _____

Summer Math Packet for Entering 6th Graders

Show all work. Attach scratch paper to the back of this packet. Put your name on each page.

Addition

1. $234 + 567 = \underline{\quad}$
2. $1,245 + 678 = \underline{\quad}$
3. $3,456 + 2,789 = \underline{\quad}$
4. $9,876 + 1,234 = \underline{\quad}$
5. $456 + 789 = \underline{\quad}$

Subtraction

6. $876 - 432 = \underline{\quad}$
7. $2,345 - 1,678 = \underline{\quad}$
8. $5,432 - 3,210 = \underline{\quad}$
9. $7,890 - 4,567 = \underline{\quad}$
10. $1,234 - 987 = \underline{\quad}$

Students should also work on IXL to complete 100 correct questions in June and then 100 correct questions in July.

Mixed (Addition & Subtraction)

11. $345 + 678 - 123 = \underline{\quad}$
12. $2,100 - 876 + 345 = \underline{\quad}$
13. $5,432 - 1,234 + 567 = \underline{\quad}$
14. $3,210 + 789 - 456 = \underline{\quad}$
15. $4,567 - 2,345 + 678 = \underline{\quad}$

Decimals (simple)

16. $12.5 + 7.3 = \underline{\quad}$
17. $20.8 - 9.4 = \underline{\quad}$
18. $15.6 + 3.45 = \underline{\quad}$
19. $18.75 - 6.5 = \underline{\quad}$
20. $9.3 + 4.8 - 2.1 = \underline{\quad}$

Name : _____

Division

No remainder: 51

1)

$$2 \overline{) 734}$$

2)

$$6 \overline{) 258}$$

3)

$$7 \overline{) 147}$$

4)

$$4 \overline{) 620}$$

5)

$$8 \overline{) 552}$$

6)

$$4 \overline{) 304}$$

7)

$$3 \overline{) 729}$$

8)

$$6 \overline{) 972}$$

9)

$$5 \overline{) 855}$$

10)

$$2 \overline{) 416}$$

11)

$$9 \overline{) 261}$$

12)

$$7 \overline{) 343}$$



Solve each problem.

Answers

1) $\frac{6}{10} - \frac{5}{10} =$

2) $\frac{3}{5} + \frac{2}{5} =$

1. _____

3) $\frac{4}{5} - \frac{3}{5} =$

4) $\frac{9}{12} + \frac{3}{12} =$

2. _____

5) $\frac{4}{5} - \frac{2}{5} =$

6) $\frac{5}{6} + \frac{1}{6} =$

3. _____

7) $\frac{5}{6} - \frac{4}{6} =$

8) $\frac{7}{8} + \frac{6}{8} =$

4. _____

9) $\frac{8}{12} - \frac{4}{12} =$

10) $\frac{2}{3} + \frac{1}{3} =$

5. _____

11) $\frac{5}{6} - \frac{2}{6} =$

12) $\frac{2}{10} + \frac{1}{10} =$

6. _____

13) $\frac{3}{8} - \frac{2}{8} =$

14) $\frac{5}{10} + \frac{5}{10} =$

7. _____

15) $\frac{2}{5} - \frac{1}{5} =$

16) $\frac{10}{12} + \frac{6}{12} =$

8. _____

17) $\frac{10}{12} - \frac{1}{12} =$

18) $\frac{7}{10} + \frac{2}{10} =$

9. _____

19) $\frac{3}{5} - \frac{2}{5} =$

20) $\frac{2}{4} + \frac{1}{4} =$

10. _____

11. _____

12. _____

13. _____

14. _____

15. _____

16. _____

17. _____

18. _____

19. _____

20. _____

Name: _____

Adding Fractions

Find the sum.

1) $\frac{1}{2} + \frac{1}{3} =$ _____

2) $\frac{1}{6} + \frac{1}{4} =$ _____

3) $\frac{1}{5} + \frac{1}{3} =$ _____

4) $\frac{1}{2} + \frac{5}{6} =$ _____

5) $\frac{3}{4} + \frac{2}{5} =$ _____

6) $\frac{2}{3} + \frac{1}{4} =$ _____

7) $\frac{1}{2} + \frac{2}{3} =$ _____

8) $\frac{1}{3} + \frac{1}{2} =$ _____

Convert improper fractions to mixed numbers

Fractions Worksheet

Convert.

1. $\frac{10}{3} =$ _____

2. $\frac{7}{2} =$ _____

3. $\frac{7}{5} =$ _____

4. $\frac{38}{10} =$ _____

5. $\frac{20}{12} =$ _____

6. $\frac{3}{2} =$ _____

7. $\frac{9}{5} =$ _____

8. $\frac{13}{4} =$ _____

9. $\frac{19}{5} =$ _____

10. $\frac{7}{4} =$ _____

11. $\frac{26}{12} =$ _____

12. $\frac{12}{8} =$ _____

13. $\frac{17}{8} =$ _____

14. $\frac{16}{5} =$ _____

15. $\frac{9}{6} =$ _____

16. $\frac{19}{12} =$ _____

17. $\frac{11}{6} =$ _____

18. $\frac{5}{3} =$ _____

19. $\frac{27}{10} =$ _____

20. $\frac{11}{4} =$ _____

21. $\frac{10}{6} =$ _____

Convert mixed numbers to improper fractions

Fractions Worksheet

Convert.

1. $3 \frac{4}{10} =$ _____

2. $3 \frac{1}{3} =$ _____

3. $2 \frac{5}{8} =$ _____

4. $2 \frac{2}{4} =$ _____

5. $3 \frac{5}{6} =$ _____

6. $2 \frac{2}{8} =$ _____

7. $3 \frac{2}{3} =$ _____

8. $1 \frac{3}{6} =$ _____

9. $1 \frac{7}{8} =$ _____

10. $1 \frac{1}{4} =$ _____

11. $1 \frac{1}{6} =$ _____

12. $2 \frac{4}{5} =$ _____

13. $2 \frac{11}{12} =$ _____

14. $2 \frac{1}{2} =$ _____

15. $1 \frac{1}{2} =$ _____

16. $1 \frac{5}{10} =$ _____

17. $2 \frac{1}{3} =$ _____

18. $1 \frac{3}{4} =$ _____

19. $3 \frac{8}{10} =$ _____

20. $3 \frac{2}{5} =$ _____

21. $2 \frac{2}{3} =$ _____