

6th Grade Math 2021 Summer Work

Note to parents- these are 5th grade skills, this work will be turned in to Mrs. Bounds on check in day or the first days of class.

Note to students- there are 6 pages attached so try to do one a week so it doesn't pile up, also work must be shown in your own handwriting. Do your best



Solve each problem.

1) $77.2 - 43.778 =$ _____

2) $2.072 \div 5.6 =$ _____

3) $6.811 \times 4.997 =$ _____

4) $27.001 - 7.5 =$ _____

5) $4.23 \times 9 =$ _____

6) $19.2 + 31.82 =$ _____

7) $97.68 - 32.3 =$ _____

8) $0.468 \div 6.5 =$ _____

9) $0.6144 \div 1.6 =$ _____

10) $4.4 \times 2.727 =$ _____

11) $20.97 + 85.62 =$ _____

12) $48 + 58.1 =$ _____

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

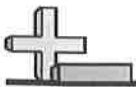
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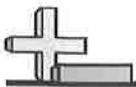


Solve each problem. Answer with the fraction.

- 1) Which has the greater capacity? $\frac{7}{8}$ of a cup or $\frac{2}{8}$ of a gallon?
- 2) Which is shorter? $\frac{3}{6}$ of a minute or $\frac{2}{6}$ of an hour?
- 3) A bedroom garbage can weighed $\frac{3}{4}$ of a pound. A bathroom garbage can weighed $\frac{1}{4}$ of a pound. Which is more?
- 4) Which is the larger amount? $\frac{4}{10}$ of a dollar or $\frac{8}{10}$ of a dollar?
- 5) Which has more people? A car that is $\frac{3}{4}$ full or a car that is $\frac{1}{4}$ full?
- 6) Which is heavier? $\frac{3}{5}$ of a gram or $\frac{1}{5}$ of a kilogram?
- 7) Which has less water? A swimming pool that is $\frac{5}{10}$ full or a glass that is $\frac{9}{10}$ full?
- 8) Katie spent $\frac{1}{9}$ of a month working on her science fair project while Jerry spent $\frac{2}{9}$ of a day. Which amount is less time?
- 9) Which is less full? A dump truck that is $\frac{1}{10}$ full or one that is $\frac{7}{10}$ full?
- 10) Which is longer? $\frac{2}{3}$ of an hour or $\frac{1}{3}$ of a day?
- 11) Which has less people? A football stadium when it is $\frac{4}{10}$ full or when it is $\frac{3}{10}$ full?
- 12) Which is shorter? $\frac{6}{10}$ of an meter or $\frac{1}{10}$ of a meter?
- 13) A lawn mower gas tank is $\frac{2}{3}$ full. An airplane gas tank is $\frac{1}{3}$ full. Which will take longer to fill up?
- 14) Which will be quieter? When a stereo is $\frac{4}{8}$ full volume or when it is $\frac{6}{8}$ full volume?
- 15) Which is heavier? A shopping cart that is $\frac{4}{6}$ full of sodas or a shopping cart that is $\frac{1}{6}$ full of sodas?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____



Find the fraction that makes the equation true.

1) $\frac{7}{8} + ? = 1$

2) $? + \frac{5}{7} = 1$

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

4) $\frac{1}{3} + ? = 1$

5) $\frac{3}{4} + ? = 1$

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

7) $? + \frac{1}{2} = 1$

8) $\frac{6}{7} + ? = 1$

9) $\frac{3}{9} + ? = 1$

10) $? + \frac{2}{5} = 1$

11) $\frac{4}{6} + ? = 1$

12) $? + \frac{2}{7} = 1$

13) $? + \frac{8}{9} = 1$

14) $\frac{1}{8} + ? = 1$

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

16) $? + \frac{2}{3} = 1$

17) $? + \frac{6}{9} = 1$

18) $? + \frac{5}{9} = 1$

19) $\frac{3}{5} + ? = 1$

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

Answers

1. _____

2. _____

3. _____

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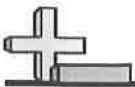
16. _____

17. _____

18. _____

19. _____

20. _____



Solve each problem. Write the answer as a mixed number fraction (if possible).

1) $\frac{3}{4} - \frac{1}{3} =$

2) $\frac{2}{3} - \frac{8}{12} =$

3) $\frac{1}{3} - \frac{2}{12} =$

4) $\frac{5}{8} - \frac{2}{4} =$

5) $\frac{3}{8} - \frac{1}{4} =$

6) $\frac{1}{2} - \frac{1}{3} =$

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

8) $\frac{3}{4} + \frac{2}{8} =$

9) $\frac{4}{5} + \frac{6}{10} =$

10) $\frac{2}{5} + \frac{2}{12} =$

11) $\frac{3}{4} + \frac{4}{8} =$

12) $\frac{5}{6} + \frac{5}{12} =$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

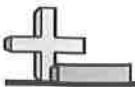
8. _____

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11. _____

12. _____



Solve each problem. Answer as an improper fraction (if possible).

1) $\frac{1}{2} \times \frac{2}{3} =$

2) $\frac{3}{4} \times \frac{3}{5} =$

3) $\frac{1}{2} \times \frac{3}{4} =$

4) $\frac{1}{2} \times \frac{1}{2} =$

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

6) $\frac{4}{5} \times \frac{2}{5} =$

7) $\frac{1}{3} \times \frac{1}{4} =$

8) $\frac{2}{3} \times \frac{2}{3} =$

9) $\frac{2}{3} \times \frac{1}{4} =$

10) $\frac{4}{5} \times \frac{1}{3} =$

11) $\frac{2}{4} \times \frac{1}{4} =$

12) $\frac{1}{2} \times \frac{1}{2} =$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

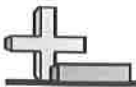
8. _____

9. _____

10. _____

11. _____

12. _____



Solve each problem.

1) $4 \div \frac{1}{3} =$

2) $\frac{1}{4} \div 2 =$

3) $9 \div \frac{1}{8} =$

4) $\frac{1}{5} \div 2 =$

5) $\frac{1}{3} \div 9 =$

6) $\frac{1}{2} \div 9 =$

7) $6 \div \frac{1}{8} =$

8) $5 \div \frac{1}{7} =$

9) $9 \div \frac{1}{9} =$

10) $9 \div \frac{1}{7} =$

11) $\frac{1}{3} \div 6 =$

12) $9 \div \frac{1}{5} =$

13) $3 \div \frac{1}{8} =$

14) $\frac{1}{4} \div 6 =$

15) $6 \div \frac{1}{3} =$

16) $8 \div \frac{1}{7} =$

17) $\frac{1}{5} \div 9 =$

18) $3 \div \frac{1}{6} =$

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

11. _____

12. _____

13. _____

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