1. **Fractions of a Set**

Find \(\frac{1}{5}\) of 10.

2. **Fractions of a Set**

There are a dozen apples in a basket. \(\frac{5}{6}\) of them are green. The rest are red. How many apples are green?

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**Preview**

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Jeremiah has 20 toy cars. \(\frac{3}{4}\) of them are made of metal. The rest are plastic. How many metal toy cars does he have?

What is \(\frac{3}{8}\) of 16?
5. Fractions of a Set

Find \( \frac{1}{2} \) of 200.

6. Fractions of a Set

Naomi has 30 recipes in her notebook. \( \frac{2}{3} \) of the recipes require sugar as an ingredient. How many recipes have sugar as an ingredient?

Dr. Smith will see 18 patients today. Half of them will come before noon. The other half will come after noon. How many patients will Dr. Smith see before noon?

What is \( \frac{2}{3} \) of 30?

Preview

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9. Fractions of a Set

Find \( \frac{3}{5} \) of 20.

10. Fractions of a Set

There are 70 tropical fish swimming in a large aquarium. \( \frac{1}{10} \) of them are guppies. How many guppies are there in the tank?

There are 21 pies in the bakery. \( \frac{3}{7} \) of them are apple pies. \( \frac{4}{7} \) are cherry pies. How many apple pies are there?

What is \( \frac{7}{12} \) of 24?
13. Fractions of a Set

Find \( \frac{1}{3} \) of 12.

14. Fractions of a Set

Clarissa picked 10 lemons from a tree. \( \frac{2}{5} \) of them were yellow. \( \frac{3}{5} \) were green. How many yellow lemons did she pick?

Pranav has a picture book with 24 pages in it. He read \( \frac{1}{3} \) of the book to his little brother. How many pages did he read?

What is \( \frac{3}{3} \) of 12?
17. Fractions of a Set

Find \( \frac{4}{7} \) of 35.

18. Fractions of a Set

There are 20 fish in a pond. \( \frac{1}{5} \) of them are bass. \( \frac{4}{5} \) of them are perch. How many perch are in the pond?

Liku has a rock collection with 100 rocks in it. \( \frac{1}{5} \) of his rocks are sedimentary. \( \frac{1}{5} \) of his rocks are metamorphic. \( \frac{3}{5} \) of his rocks are igneous. How many sedimentary rocks does he have?

What is \( \frac{7}{8} \) of 64?
21. Fractions of a Set
Find $\frac{4}{9}$ of 18.

22. Fractions of a Set
There are 36 crayons in a box. $\frac{5}{12}$ of them are broken. How many crayons are broken?

There are 4 hawks in the sky. One half are male. The other half are female. How many female hawks are there?

What is $\frac{10}{11}$ of 88?
25. Fractions of a Set

Find \( \frac{1}{4} \) of 24.

26. Fractions of a Set

Jaspreet sells hot pretzels. He has 50 pretzels on his cart. He sells \( \frac{1}{5} \) of them. How many pretzels did he sell?

Mrs. Gonzalez baked a dozen cookies. \( \frac{1}{3} \) of them had nuts in them. \( \frac{2}{3} \) did not have nuts in them. How many cookies did not have nuts?

What is \( \frac{2}{9} \) of 27?
29. Fractions of a Set

Ginger has 110 ants in her ant farm. \( \frac{1}{10} \) of her ants escaped. How many ants escaped?

Find \( \frac{1}{9} \) of 90.

\( 1 \frac{1}{10} \)

9

30. Fractions of a Set

Preview
Please log in to download the printable version of this worksheet.
Task Cards: Fractions of a Set

Name: ________________________________

1. 2. 3. 4. 5.
6. 7. 8. 9. 10.
16. 17. 18. 19. 20.
21. 22. 23. 24. 25.
26. 27. 28. 29. 30.

Preview
Please log in to download the printable version of this worksheet.
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>1.</td>
<td>2</td>
<td>2.</td>
<td>10</td>
<td>3.</td>
</tr>
<tr>
<td>4.</td>
<td>6</td>
<td>5.</td>
<td>100</td>
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</table>

Task Cards: Fractions of a Set

Preview
Please log in to download the printable version of this worksheet.

<p>| | | | | |</p>
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<tbody>
<tr>
<td>26.</td>
<td>10</td>
<td>27.</td>
<td>8</td>
<td>28.</td>
</tr>
<tr>
<td>29.</td>
<td>81</td>
<td>30.</td>
<td>11</td>
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</tbody>
</table>
This file contains 30 task cards.

There are countless ways to use task cards in your classroom. Here are a few ideas:

1. Math Learning Center
   Place all of the cards on a table in the classroom. Small groups of 3 to 5 students can visit the table and solve the problems on the task cards. They can complete them in any order they'd like. You can have them do as many, or as few, problems as you choose.

2. Dry-Erase
   Laminate the cards. Then invite students to write on the cards with a dry-erase marker as they solve.

3. Back-to-Back Game
   Two students draw a task card at random. Then they sit back-to-back as they solve the math problem on the card. After they've finished, they turn, face-to-face, to compare their answers.

4. Classroom Scavenger Hunts
   Place task cards all around the room. (Examples: on the classroom door, attached to a student's chair, hanging from the classroom bookshelf) Students must search for the cards and solve the math problems.

5. Morning Challenge
   Place all of the task cards in a basket. When students enter the classroom in the morning, they choose one card from the basket to solve.

6. Interactive White Board Lessons
   If you have a document camera attached to an interactive white board, you can display task cards for students to solve.

7. Extra Help
   Have a parent, friend, or volunteer sit with individual students who need extra help. They can practice by solving the problems on the task cards together.

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