

| Name: | Class | |
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| Nume: | Cluss | |

Divide whole numbers by unit fractions using models

| 1. | Using the model I | oelow as an | aid, divide | 3 ÷ 1/4 | mode | I the nuber 3 | |
|----|-------------------------|-----------------------------|-------------|-----------------------------|-------------|---|--|
| | 1 | | 1 | | 1 | | |
| | 1 1 1 4 | 1 4 1 | 1 4 | 1/4/4 | | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
| | | | | | | | |
| 2. | Using the model | below as an | aid, divide | 2 ÷ 1 9 | | | |
| | 1 | | | 1 | | | |
| | 1 1 1 1 1 1 1 9 9 9 9 9 | 1 1 1 9 9 9 | 1 1 1 9 9 9 | | 1 1 1 9 9 9 | | |
| 3. | Using the model k | pelow as an a | aid, divide | 5 ÷ 1/2 | 1 | 1 | |
| | 1 1 2 | $\frac{1}{2}$ $\frac{1}{2}$ | | $\frac{1}{2}$ $\frac{1}{2}$ | 1/2 | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ | |
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| 1. | | | | | | odel the nuber | 3 |
|----|---|----------------------|-------------|-----------------------------|---------------|---|--------------|
| | 1 | 1 | | | 1 | | |
| | 1 1 1 1 | 1 4 | 1/4/4 | 1/4/1/4 | 1 4 | $\frac{1}{4}$ $\frac{1}{4}$ | 1 |
| | model the number find how many $\frac{1}{4}$ you will see it take | fraction | portions | make up 3. | vo 3 | how many | 1 portions 4 |
| | Therefore, 3 | | | | | | |
| 2. | Using the model b | pelow as | an aid, div | vide 2 ÷ 1/9 | | and | 6,6 |
| | 1 1 1 1 1 1 1 9 9 9 9 9 9 | 1 1 1 9 9 9 | 1 9 | 1 1 1 1 1 9 9 9 9 9 9 | 1 1 1 1 9 9 9 | | |
| | you see it takes 18 Therefore 2 | _ | | rtions to mak | e up 2. | | |
| 3. | Using the model b | elow as a | an aid, div | ride $5 \div \frac{1}{2}$ | | | |
| | 1 1 | | | 1 | | 1 | 1 |
| | 1/2 1/2 | 1 1 2 | 2 | $\frac{1}{2}$ $\frac{1}{2}$ | 1 2 | 1 2 | 1 1 2 |
| | you see it takes 10 | of the 1 | fraction | portions to n | nake up 5 | | |
| | Therefore 5 | $\div \frac{1}{2} =$ | 10 | | | to //wa athadrilla | |