FRACTION OF A NUMBER PROBLEMS 2B

WORKING OUT

1) There are 42 rabbits in a warren. \(\frac{1}{6}\) of the rabbits leave. How many rabbits leave? How many are in the warren?

\[
\text{_______ rabbits leave. _______ rabbits are in the warren.}
\]

2) A farmer has 60 apple trees and pear trees. \(\frac{1}{4}\) of his trees are apple trees. How many pear trees does he have?

\[
\text{He has _______ pear trees.}
\]

3) Frazer and Sally have 100 marbles between them. Sally owns \(\frac{1}{5}\) of the marbles. How many of the marbles does each of them own?

\[
\text{Sally owns _______ marbles. Frazer owns _______ marbles.}
\]

4) There are 42 cars in a parking lot. \(\frac{1}{7}\) of the cars drive away. How many cars are there now?

\[
\text{There are _______ cars now.}
\]

5) Captain flips a coin 90 times. It comes down heads \(\frac{1}{3}\) of the time. How many tails did he flip?

\[
\text{He flipped _______ tails.}
\]

6) In a pet store, there are 48 lizards for sale. \(\frac{1}{6}\) of the lizards are bearded dragons and the rest are leopard geckos. How many of each type of lizard are for sale?

\[
\text{There are _______ bearded dragons and _______ geckos.}
\]
# FRACTION OF A NUMBER PROBLEMS 2B ANSWERS

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<thead>
<tr>
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<th>1)</th>
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</thead>
<tbody>
<tr>
<td><strong>WORKING OUT</strong></td>
<td>1/6 of 42 = 7</td>
<td>1/3 of 60 = 15</td>
<td>1/5 of 100 = 20</td>
<td>1/7 of 42 = 6</td>
<td>1/3 of 90 = 30</td>
<td>1/6 of 48 = 8</td>
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<tr>
<td><strong>1) There are 42 rabbits in a warren. 1/6 of the rabbits leave.</strong></td>
<td>42 – 7 = 35</td>
<td>60 – 15 = 45</td>
<td>100 – 20 = 80</td>
<td>42 – 6 = 36</td>
<td>90 – 30 = 60</td>
<td>48 – 8 = 40</td>
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<tr>
<td>How many rabbits leave? How many are in the warren?</td>
<td><strong>7 rabbits leave. 35 rabbits are in the warren.</strong></td>
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<td><strong>2) A farmer has 60 apple trees and pear trees. 1/4 of his trees are apple trees. How many pear trees does he have?</strong></td>
<td>He has 45 pear trees.</td>
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<td><strong>3) Frazer and Sally have 100 marbles between them. Sally owns 1/5 of the marbles. How many of the marbles does each of them own?</strong></td>
<td>Sally owns 20 marbles. Frazer owns 80 marbles.</td>
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<tr>
<td><strong>4) There are 42 cars in a parking lot. 1/7 of the cars drive away. How many cars are there now?</strong></td>
<td>There are 36 cars now.</td>
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<tr>
<td><strong>5) Captain flips a coin 90 times. It comes down heads 1/3 of the time. How many tails did he flip?</strong></td>
<td>He flipped 60 tails.</td>
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<tr>
<td><strong>6) In a pet store, there are 48 lizards for sale. 1/6 of the lizards are bearded dragons and the rest are leopard geckos. How many of each type of lizard are for sale?</strong></td>
<td>There are 8 bearded dragons and 40 geckos.</td>
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