

Name : _____

Subtracting Mixed Numbers - Different Denominators

Sheet 1

- 1) Paul had $11\frac{2}{3}$ yards of twine. If he used $6\frac{1}{2}$ yards to make macrame wall hangings, how many yards of twine does he have left?

- 2) A group of friends visited Freddy Farm. They picked $14\frac{3}{8}$ pounds of apples and $5\frac{4}{5}$ pounds of oranges. How many more pounds of apples did they pick?

- 3) Vanessa crafted jewelry and had $1\frac{2}{7}$ packs remain.

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_____ packs of the clay and only _____ she use?

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- 4) Miranda took $4\frac{1}{2}$ hours to make a necklace and took $3\frac{3}{5}$ hours to make a bracelet.

_____ while her friend Ariana took _____ hours to make a bracelet. How much longer did Miranda take?

- 5) Andrew, an artifact collector, is weighing items from his collection. The heaviest item weighs $11\frac{3}{4}$ pounds while the lightest item has a weight of $2\frac{4}{5}$ pounds. What is the difference between the two weights?

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Subtracting Mixed Numbers - Different Denominators

- 1) Paul had $11\frac{2}{3}$ yards of twine. If he used $6\frac{1}{2}$ yards to make macrame wall hangings, how many yards of twine does he have left?

$$\underline{\frac{31}{6} \text{ or } 5\frac{1}{6} \text{ yards}}$$

- 2) A group of friends visited Freddy Farm. They picked $14\frac{3}{8}$ pounds of apples and $5\frac{4}{5}$ pounds of oranges. How many more pounds of apples did they pick?

$$\underline{\frac{343}{40} \text{ or } 8\frac{23}{40}}$$

- 3) Vanessa crafted jewelry. She had $1\frac{2}{7}$ packs remaining.

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blocks of the clay and only she use?

$$\underline{\frac{69}{28} \text{ or } 2\frac{9}{28}}$$

- 4) Miranda took $4\frac{1}{2}$ hours to make a necklace. She took $3\frac{3}{5}$ hours to make a bracelet.

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While her friend Ariana made a bracelet, how long did Miranda take?

$$\underline{\frac{9}{10} \text{ of an hour}}$$

- 5) Andrew, an artifact collector, is weighing items from his collection. The heaviest item weighs $11\frac{3}{4}$ pounds while the lightest item has a weight of $2\frac{4}{5}$ pounds. What is the difference between the two weights?

$$\underline{\frac{179}{20} \text{ or } 8\frac{19}{20} \text{ pounds}}$$