

Solve each problem. Answer as a mixed number (if possible).

- A machine made $3\frac{1}{4}$ pencils in $\frac{1}{2}$ of a minute. It made pencils at a rate of how many per minute?
- · _____

Answers

- A chef had to fill up $\frac{4}{5}$ of a container with mashed potatoes. He ended up using $3\frac{1}{6}$ pounds of mashed potatoes. How many pounds would he use if he had to fill up the entire container?
- 3. _____
- 3) A tire shop had to fill $2\frac{4}{5}$ tires with air. It took a small air compressor $3\frac{3}{6}$ seconds to fill them up. How long would it take to fill 6 tires?
- ____
- A cookie recipe called for $3\frac{2}{4}$ cups of sugar for every $3\frac{1}{6}$ cups of flour. If you made a batch of cookies using 9 cup of flour, how many cups of sugar would you need?
- 5. ____
- It takes $2^2/_3$ gallons of water to fill up $2^1/_3$ containers. How much water would it take to fill 5 containers?
- 8.

- 6) It takes $2\frac{4}{5}$ spoons of chocolate syrup to make $\frac{1}{5}$ of a gallon of chocolate milk. How many spoons of syrup would it take to make 1 gallon of chocolate milk?
- . _____

7) It takes $2\frac{3}{5}$ kilometers of thread to make $3\frac{2}{5}$ boxes of shirts. How many kilometers of thread will it take to make 7 boxes?

10. _____

- 8) A container with $2\frac{1}{3}$ liters of weed killer can spray $\frac{5}{6}$ of a lawn. How many liters would it take to spray 1 entire lawn?
- A carpenter goes through $2\frac{1}{2}$ boxes of nails finishing $2\frac{1}{2}$ rooves. How much would he use finishing 9 rooves?
- A water faucet leaked $3\frac{4}{6}$ liters of water over the course of $3\frac{2}{4}$ hours. How many liters would it have leaked after 2 hours?

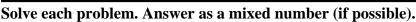
Name:

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Answers

- $6^{2}/_{4}$
- $3^{23}/_{24}$
- 3. **7**⁴²/₈₄
- $9^{72}/_{76}$
- $5. \qquad 5^{15}/_{21}$
- $_{6.} \ \underline{14\frac{0}{5}}$
- $\frac{5^{30}}{85}$
- $\frac{2^{12}}{15}$
- $9. \quad 9. \quad 9.$
- $2^{8}/_{84}$



5 ³⁰ / ₈₅	9 ⁷² / ₇₆	3 ²³ / ₂₄	90/10	7 ⁴² / ₈₄
$2^{8}/_{84}$	$5^{15}/_{21}$	$6^{2}/_{4}$	$14^{\circ}/_{5}$	$2^{12}/_{15}$

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- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- б. _____
- 7. _____
- 8. _____
- Э. _____
- 10. ____