



Word problems

Solve each word problem. Show your thinking.

<p>a. The school music department has a budget of \$745. They purchased some new instruments for \$569. It took 4 weeks for the instruments to get delivered. How much money is left in the budget?</p> <div></div> <div>\$</div>	<p>b. Mt. Whitney is 14,505 ft high, Borah Peak is 12,668 ft, and Granite Peak is 12,807 ft. How much taller is Mt. Whitney than Borah Peak?</p> <div></div> <div>ft</div>
<p>c. A farmer had a herd of 703 cows and calves. In mid-August, 238 calves were sold at auction. How many animals are left in the herd?</p> <div></div> <div>animals</div>	<p>d. In March an app was downloaded 65,381 times. This was 18,975 more than the downloads in February. How many downloads were made in February?</p> <div></div> <div>downloads</div>
<p>e. A rhombus is split into 18 equal parts. $\frac{1}{6}$ of the parts are red. $\frac{1}{5}$ of the remaining parts are blue. The rest are green. What fraction of the whole shape is green?</p> <div></div>	<p>f. Three circles were each split into 8 equal parts. Fatima shaded 3 parts of one circle, 5 parts of another, and 7 parts of the last. What mixed number describes the total amount shaded?</p> <div></div>



Word problems

* Answers will vary.

Solve each word problem. Show your thinking.

- a. The school music department has a budget of \$745. They purchased some new instruments for \$569. It took 4 weeks for the instruments to get delivered. How much money is left in the budget?



\$ 176

- b. Mt. Whitney is 14,505 ft high, Borah Peak is 12,668 ft, and Granite Peak is 12,807 ft. How much taller is Mt. Whitney than Borah Peak?



1,837 ft

- c. A farmer had a herd of 703 cows and calves. In mid-August, 238 calves were sold at auction. How many animals are left in the herd?



465 animals

- d. In March an app was downloaded 65,381 times. This was 18,975 more than the downloads in February. How many downloads were made in February?



46,406 downloads

- e. A rhombus is split into 18 equal parts. $\frac{1}{6}$ of the parts are red. $\frac{1}{5}$ of the remaining parts are blue. The rest are green. What fraction of the whole shape is green?



$\frac{2}{3}$

- f. Three circles were each split into 8 equal parts. Fatima shaded 3 parts of one circle, 5 parts of another, and 7 parts of the last. What mixed number describes the total amount shaded?



$1\frac{7}{8}$