

Adding and Subtracting Fractions Worded Problems

(a)	(b)	(c)
Alex ate $\frac{2}{5}$ of a pizza. Adil ate $\frac{1}{4}$ of the same pizza. What fraction of the pizza has been eaten in total? $\frac{13}{20}$	At a restaurant $\frac{3}{10}$ of diners choose chicken and $\frac{1}{8}$ choose burger. What fraction of the diners choose chicken or burger? $\frac{17}{40}$	Jo spends $\frac{1}{3}$ of her time asleep and $\frac{2}{7}$ of her time at school. What fraction of her time does she have left for doing other things? $\frac{8}{21}$
(d)	(e)	(f)
In her garden, Ayesha has a lawn which is $2\frac{1}{3} \text{ m}^2$ and a patio which is $1\frac{1}{2} \text{ m}^2$. What is the total area of the lawn and patio? $3\frac{5}{6} \text{ m}^2$	George spends $2\frac{3}{4}$ hours on his homework. Awais spends $1\frac{5}{6}$ hours on his homework. What is the difference between the time each of them spends on homework? $\frac{11}{12} \text{ hours}$	A farmer has two fields – one has an area of $6\frac{2}{7}$ acres and the other is $3\frac{2}{3}$ acres. What is the total area of both fields? $9\frac{20}{21} \text{ acres}$
(g)	(h)	
A triangular field has fences on all three sides. The fences are $1\frac{3}{4}$ m, $2\frac{2}{3}$ m and $3\frac{1}{6}$ m long. Calculate the perimeter of the field. $7\frac{7}{12} \text{ m}$	Tobi buys 5 cartons of juice. He drinks $1\frac{2}{5}$ cartons on Monday, $\frac{7}{8}$ of a carton on Tuesday and $2\frac{3}{20}$ of a carton on Wednesday. How many cartons of juice does Tobi have left? $\frac{23}{40} \text{ cartons}$	