

Name: Class:

Multiply decimals and whole numbers: word problems.

- a. Lucy's mother is a baker. It takes her 50.5 minutes to bake a 14 inch round cake. How long can it take her to bake 5 of those same cakes?



- b. Betty takes her lunch at the school canteen. It cost her \$ 15.20 per week. How much will 18 weeks of taking her lunch at the school canteen cost?

- c. Monica works as a waitress in a coffee shop. She earns \$8.75 per hour. How much will she get paid if she puts in 45 hours of work per week?

- d. Joey bought 6 packs of bottled water from the neighbourhood store. Each pack costed \$ 2.05. How much did Joey spend in all?



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Multiply decimals and whole numbers: word problems.

- a. Lucy's mother is a baker. It takes her 50.5 minutes to bake a 14 inch round cake. How long can it take her to bake 5 of those same cakes?

Let's multiply the time Lucy's mother baked one cake by the number of cakes

$$50.5 \times 5$$

$$= 252.5 \text{ minutes}$$

So, it takes 252.5 minutes for Lucy's mom to bake 5 cakes.



- b. Betty takes her lunch at the school canteen. It cost her \$ 15.20 per week. How much will 18 weeks of taking her lunch at the school canteen cost?

Let's multiply Betty's cost of lunch per week by the number of weeks

$$\$ 15.20 \times 18$$

$$= \$ 273.60$$

So, it will cost her \$ 273.60 for eating at the canteen after 18 weeks

- c. Monica works as a waitress in a coffee shop. She earns \$8.75 per hour. How much will she get paid if she puts in 45 hours of work per week?

Let's multiply the amount she earns per hour by the total number of hours she puts in per week

$$\$ 8.75 \times 45$$

$$= \$ 393.75$$

So, Monica will be paid \$ 393.75 per week

- d. Joey bought 6 packs of bottled water from the neighbourhood store. Each pack costed \$ 2.05. How much did Joey spend in all?

Let's multiply the cost of each pack of bottled water by the number of packs

$$\$ 2.05 \times 6$$

$$= \$ 12.30$$

So, Joey spent \$ 12.30 in all

