This problem gives you the chance to:

- · select relevant data and operations
- solve a practical money problem

Carlo wants to join a gym.

The gym offers three membership options.

Pay as you go Pay only \$6 each time you work out

Regular deal Pay \$50 a month and \$2 each time you work out

All-in-one price! Pay just \$100 per month for unlimited use of our great facilities

1. Carlo thinks he will go to the gym about 20 times a month. Calculate how much each of these options would cost Carlo for one month.

Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

\$120.00 \$100.00 \$100.00 Regular Deal 3

All-in-one price the same?				r deal and t	
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1. Carlo thinks he will go to the gym about 20 times a month. Calculate how much each of these options would cost Carlo for one month.

Pay as you go $0 \times 20 = 120$ Regular deal $0 \times 10 = 90$ All-in-one price $10 \times 10 = 100$

Which of these options is the least expensive for Carlo?

All-in-one price the same?	A Committee of the Comm
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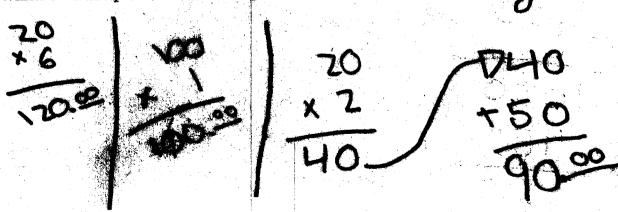
Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

\$ 170.00 v \$ 90.00 v \$ 100.00 v



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Page 2

Sym Test 6: Form A

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Calculate how much each of these options would cost Carlo for one month.

Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

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Pay as you go Pay only \$6 each time you work out Regular deal Pay \$50 a month and \$2 each time you work out

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All-in-one price!
Pay just \$100 per month for unlimited use of our great facilities

x 20 \$120

Y. Carlo thinks he will go to the gym about 20 times a month.

Calculate how much each of these options would cost Carlo for one month.

Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

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Page 2

Gym Test 6: Form A

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Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

\$120.00 K

\$100.00

All-in-one Price

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3. It costs \$300 to join the new Superfit Gym. You then pay \$15 each time you work out. Carlo thinks he will use the gym about 20 times a year.	ch month and \$2 each each month for	
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How much will Carlo save during the first year if he uses the Superfi Regular deal at the other gym?	t Gym rather than the	ن
Show your work.		
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Gym

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Pay as you go Pay only \$6 each time you work out Regular deal
Pay \$50 a month
and \$2 each
time you work
out

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All-in-one price! Pay just \$100 per month for

unlimited use of our great facilities

1. Carlo thinks he will go to the gym about 20 times a month.

Calculate how much each of these options would cost Carlo for one month.

Pay as you go

Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

\$ 120 v \$ 90 v

Regular deal

2. How many visits each month would make the cost of the Regular deal and the All-in-one price the same? Explain how you figured it out. 3. It costs \$300 to join the new Superfit Gym. You then pay \$15 each month and \$2 each time you work out. Carlo thinks he will use the gym about 20 times each month for a year. Calculate the cost of using the Superfit Gym for one year. How much will Carlo save during the first year if he uses the Superfit Gym rather than the Regular deal at the other gym? Show your work.

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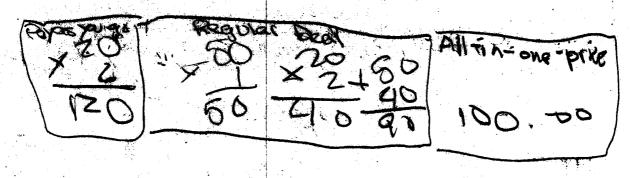
Regular deal

All-in-one price

Which of these options is the least expensive for Carlo?

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