Gym

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 $ 120.00 ✓

Regular deal $ 90.00 ✓

All-in-one price $100.00 ✓

Which of these options is the least expensive for Carlo?   Regular deal ✓   3

2. How many visits each month would make the cost of the **Regular deal** and the **All-in-one price** the same?

35 ✓   1

Explain how you figured it out.

If the regular deal is $90 in 20 visits and the all-in-one-price is $100 - and it doesn't matter how many times you visit, the regular O deal need 10 more $ and 10 more visits to get to $100 and 100 times

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. $520 ✗   O

How much will Carlo save during the first year if he uses the Superfit Gym rather than the Regular deal at the other gym?

he's saving ✗   O
$320

Show your work.

$$3. \quad \begin{array}{r} 15 \\ \times 12 \\ \hline 180 \\ + 40 \\ \hline 220 \\ + 300 \\ \hline 520 \end{array} \qquad \begin{array}{r} 20 \\ \times 2 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 240 \\ + 600 \\ \hline 840 \end{array} \quad ✗$$

$$\begin{array}{r} 840 \\ - 520 \\ \hline 320 \end{array}$$

④ ■

Gym   Test 6: Form A

Gym

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 20×6 ✓

Regular deal

All-in-one price $100 \times 20 = 2,000$ ✗

Which of these options is the least expensive for Carlo?   ✗

The option that I think is the least expensive for Carlo is Pay as you go because

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 $|5 each month and $2 each time you work out. Carlo thinks he will use the gym about 2| 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.

G‚---

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.

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

Pay as you go
Pay only $6 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 $ 120 ✓

Regular deal $ 2000 ✗

All-in-one price $ 1000 ✗   0

Which of these options is the least expensive for Carlo?   ✗   Pay as you go

2. How many visits each month would make the cost of the **Regular deal** and the **All-in-one price** the same?

$1000   ✗   0

Explain how you figured it out.   All-in-one price

I calculate 20 × 100 = 2000 then I calculate 20 × 2 = 40 then 40 × 50 = 2000.   ✗ 0

---

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.   9000   ✗   1

How much will Carlo save during the first year if he uses the Superfit Gym rather than the Regular deal at the other gym?   ✗   0

$100

Show your work.

✗   0

Gym   Test 6: Form A

Gym

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   20 +6 120

Regular deal   20 +2 40+50

All-in-one price $100

$ 120 ✓

$ 90 ✓

$ 100 ✓

Regular Deal   3

Which of these options is the least expensive for Carlo?

Gym   Test 6: Form A

2. How many visits each month would make the cost of the Regular deal and the All-in-one price the same?

25 ✓ 1

Explain how you figured it out.

I figured this out by saying if it 90$ for the regular and 2$ for every workout 90 + $ more workots would o$100 and so would the all in one ✓ 1

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.

360
15
+48
20
×2
40

Calculate the cost of using the Superfit Gym for one year.

$355 ✗ 6

How much will Carlo save during the first year if he uses the Superfit Gym rather than the Regular deal at the other gym?

$255 ✗ 0

Show your work.

355
-100
(255)

Gym   Test 6: Form A

0

0

⑥ ■