



Compare financial options using rates and fees

1

total cost: 6 \$ total weight: 2 kg

A

4.25 \$/kg

B

3.5 \$/kg

C

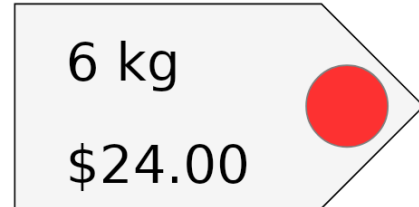
3 \$/kg

D

4 \$/kg

2

What is the price per kg of this item?



A

\$4.00/kg

B

\$5.00/kg

C

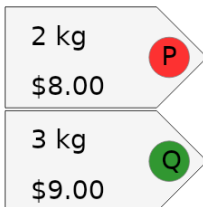
\$3.00/kg

D

\$2.00/kg

3

Which option has the lowest price per kg?



A

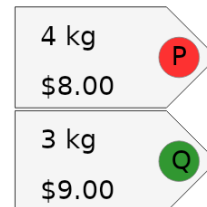
P

B

Q

4

Which option has the lowest price per kg?



A

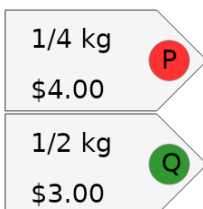
P

B

Q

5

Which option has the lowest price per kg?



A

P

B

Q

6

20%

A

2.0

B

0.2

C

20.0

D

200.0

E

0.0

7

What is 'I' in the simple interest formula?

$$I = PRT$$
$$I = ?$$

A

Interest

B

Index

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Over the full term of this loan, how much is paid in interest and fees in total?

Loan Details	
Principal	\$2,800
Interest Rate	16.2%
Term	1 year
Fees	\$72.80

A

\$599.20

B

\$526.40

C

\$453.60

D

\$72.80



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Which option is the better investment (the higher net return)?

Option A: Investment	
Principal	\$3,550
Interest Rate	10.6%
Term	1 year
Fees	None

Option B: Investment	
Principal	\$3,550
Interest Rate	12.2%
Term	1 year
Fees	\$67.45

A B

B A

10

Including the fee, what single yearly interest rate is equivalent to this investment? Round to one decimal place.

Investment Details	
Principal	\$850
Interest Rate	8.5%
Term	1 year
Fees	\$20.40

A 8.5%

B 6.6%

C 10.9%

D 5.6%

E 3.7%

F 6.1%

11

Which option is the better loan (the lower total cost)?

Option A: Loan	
Principal	\$1,600
Interest Rate	2.0%
Term	1 year
Fees	\$59.20

Option B: Loan	
Principal	\$1,600
Interest Rate	5.6%
Term	1 year
Fees	None

A B

B A

12

Including the fee, what single yearly interest rate is equivalent to this loan? Round to one decimal place.

Loan Details	
Principal	\$750
Interest Rate	15.0%
Term	1 year
Fees	\$20.25

A 17.5%

B 10.8%

C 20.1%

D 17.0%

E 16.5%

F 13.9%