

- 1 Barbie went to the mall with \$800.

She bought four bags and was left with \$120.

What is the average (arithmetic mean) cost of the bags that she bought?

- A \$120  
B \$160  
C \$170  
D \$240  
E \$680

- 2 For every \$25 that his parents give him, Charlie Brown saves \$5.50.

How much does Charlie Brown save in 10 weeks if his parents give him \$200 a week?

- A \$44  
B \$55  
C \$220  
D \$440  
E \$550

- 3 At the fruit stand, a customer can buy 4 peaches for \$5.40.

If Elsa bought a dozen peaches at the fruit stand, how much did she pay for the peaches?

- A \$16.20  
B \$32.40  
C \$38.20  
D \$48.60  
E \$64.80

- 4 Kristoff is planning to buy a pair of sandals worth \$58.

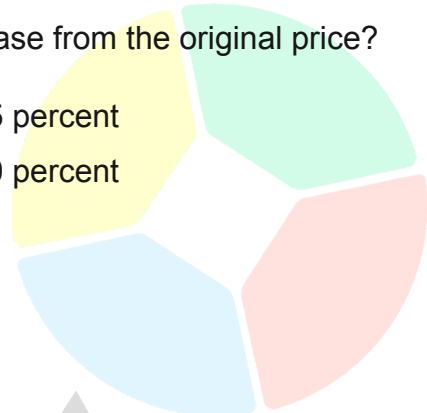
If he had already saved \$48 and can save \$1 a day, how many days will it take Kristoff to save enough money for the pair of sandals?

- A 2 days  
B 10 days  
C 20 days  
D 24 days  
E 58 days

- 5 Miranda Priestly, the editor-in-chief of Runway magazine, decided to decrease the price of Runway magazine from \$250 to \$200.

By how many percentages did the price decrease from the original price?

- A 50 percent  
B 40 percent  
C 30 percent  
D 25 percent  
E 20 percent



- 6 Roger Rabbit has \$96.

If he spent  $\frac{1}{3}$  of it on carrots, how much money did he have left?

- A \$24  
B \$32  
C \$48  
D \$64  
E \$72

- 7 Professor Utonium had \$150 and gave an equal amount to each of his three daughters, Blossom, Bubbles, and Buttercup.

If he was left with \$30, how much money did Bubbles get?

- A \$20  
B \$30  
C \$40  
D \$100  
E \$120

- 8 Jack has \$56 and Jill has twice as much money as Jack.

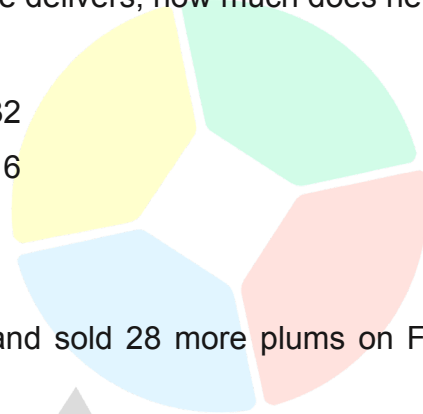
How much money do Jack and Jill have in all?

- A \$84  
B \$96  
C \$132  
D \$136  
E \$168

- 9 Roger delivers newspapers to 32 households each day.

If he gets 50 cents for each newspaper that he delivers, how much does he earn in seven days?

- A \$128  
B \$112  
C \$64  
D \$32  
E \$16



- 10 A fruit vendor sold 127 plums on Thursday and sold 28 more plums on Friday than on Thursday.

If the fruit vendor earns 80 cents for each plum she sold, how much money did the fruit vendor earn from the sale of plums during those two days?

- A \$155.00  
B \$203.20  
C \$225.60  
D \$254.00  
E \$282.00

- 11 Four oranges and 3 apples cost \$5.40.

If 4 oranges and 5 apples cost \$6.60, how much does one orange cost?

- A 60 cents  
B 70 cents  
C 75 cents  
D 80 cents  
E 90 cents

- 12 Yesterday, Rupert painted 30 balls blue and painted several balls red.

The number of balls he painted blue is 6 fewer than twice the number of balls he painted red.

If Rupert earns 30 cents for each ball that he painted, how much did Rupert earn yesterday?

- A \$14.40  
B \$16.20  
C \$20.60  
D \$24.80  
E \$48.00

- 13 Bert and Elmo have \$26 together.

If Bert has \$8 more than Elmo, how much money does Bert have?

- A \$9  
B \$12  
C \$16  
D \$17  
E \$18

- 14 Louisa sold 120 oranges for \$300.

If she bought each orange for \$1.60, how much profit did she make from the sale of the oranges? (Profit = Revenue – Expenses)

- A \$100  
B \$108  
C \$150  
D \$192  
E \$250

- 15 Big Bird spent  $\frac{1}{4}$  of his money to buy Kermit the Frog a box of chocolates and  $\frac{1}{3}$  of his money to buy Cookie Monster a box of cookies.

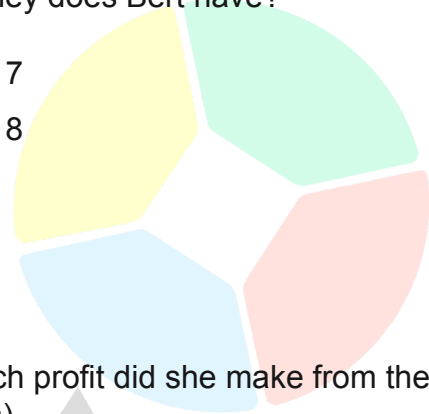
If the box of cookies costs \$5 more than the box of chocolates, how much did the box of chocolates cost?

- A \$10  
B \$12  
C \$15  
D \$16  
E \$18

- 16 At the local bakeshop, a customer can buy 3 donuts for \$4.20.

If Amanda bought 18 donuts at the local bakeshop, how much did she pay for the donuts?

- A \$22.60  
B \$23.40  
C \$24.20  
D \$24.80  
E \$25.20



17 Randy bought 108 stamps.

One-third of the stamps were Canadian stamps, one-fourth were Britain stamps, and the rest were Australian stamps.

If each Australian stamp cost 65 cents, how much did he pay for the Australian stamps?

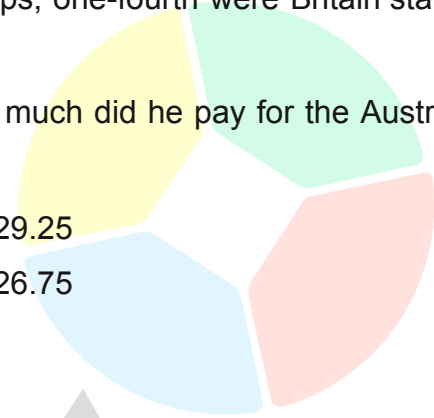
A \$45.00

B \$36.45

C \$32.35

D \$29.25

E \$26.75



18 Rey has \$22 more than Ben.

If together they have \$92, how much money does Rey have?

A \$57

B \$48

C \$45

D \$37

E \$35

19 Old MacDonald wants to put a fence around his rectangular potato garden that is 3 metres wide and has an area of 24 square metres.

If fencing materials cost \$12.80 per metre, how much will it cost Old MacDonald to put a fence around his potato garden?

A \$140.80

B \$153.60

C \$281.60

D \$302.40

E \$307.20

20 If Cynthia has \$15, what is the greatest number of apples she can buy if each apple costs 80 cents?

A 15 apples

B 16 apples

C 17 apples

D 18 apples

E 19 apples

21 Cecelia made 60 widgets where she spent \$2.20 making each widget.

She had to throw away 3 of the widgets because they got broken.

If she sold the remaining widgets for \$3 each, how much profit did she make from the sale of the widgets?

A \$39

D \$171

B \$48

E \$180

C \$132

22 Each day, Kevin rides the bus going to work and rides the train going home.

If bus fare costs \$7 and train fare costs \$6, how much does Kevin spend on transportation during a 5-day week?

A \$30

D \$65

B \$35

E \$70

C \$60

23 Daria received twelve 100-dollar bills, eight 10-dollar bills, and nine 5-dollar bills in her pay envelope.

How much money was in Daria's pay envelope?

A \$1 225

D \$1 375

B \$1 300

E \$1 425

C \$1 325

24 Chef Alfredo bought 20 kilograms of flour for \$1.50 per kilogram and 8 kilograms of sugar for \$1.75 per kilogram.

How much change did Chef Alfredo get if he paid with a 50-dollar bill?

A \$36

D \$6

B \$20

E \$4

C \$12

**25** Gandalf made 258 bottles of potion but 5 bottles got broken.

He then sold the remaining bottles of potions except for 20 bottles.

How much money did Gandalf make from the sale of the potions if he sold each bottle for \$3.20?

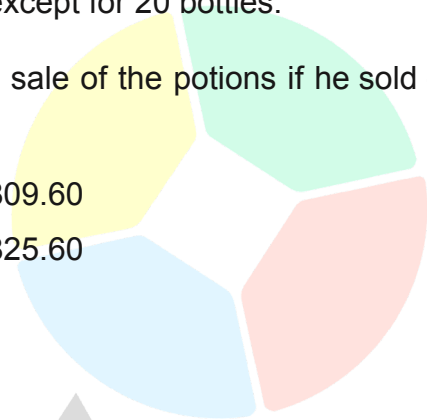
**A** \$233.00

**B** \$745.60

**C** \$761.60

**D** \$809.60

**E** \$825.60



**26** Kenny wants to buy a bag that costs \$50.

He had already saved \$35.50 and can save \$2 each day.

How many days will it take Kenny to save enough money for the bag?

**A** 15 days

**B** 14 days

**C** 9 days

**D** 8 days

**E** 7 days

**27** The supermarket sells corn for 60 cents each.

How many corns can Beatrice buy with \$5?

**A** 8 corns

**B** 9 corns

**C** 10 corns

**D** 11 corns

**E** 12 corns

**28** A dress shop sells skirts at a regular price of \$55 each.

If Angela bought half a dozen skirts from the dress shop at  $\frac{3}{4}$  of the regular price, how much did she pay for the skirts?

**A** \$41.25

**B** \$165.00

**C** \$247.50

**D** \$330.00

**E** \$495.00

29 Penelope bought four dozen strawberries for \$86.40.

If each strawberry costs the same, how much did each strawberry cost?

A \$1.80

D \$2.25

B \$2.00

E \$2.40

C \$2.20

30 Elizabeth bought 60 mangoes at \$1.85 each and sold them at \$2.50 each.

If four of the mangoes were rotten before she was able to sell them, how much profit did Elizabeth make from the sale of the mangoes?

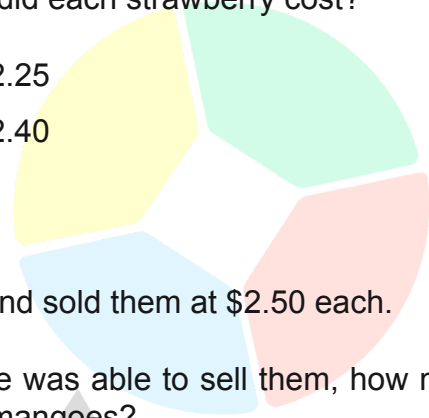
A \$29

D \$140

B \$39

E \$150

C \$111



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## FREE-RESPONSE QUESTIONS

- 31** Shaggy has \$650 and Scooby has \$50 more than half as much as Shaggy.

How much money do Shaggy and Scooby have together?

- 32** Betty Boop's long-distance plan charges \$4.25 for the first two minutes of long-distance calls and 80 cents per minute after the first two minutes.

How much does Betty Boop have to pay for a long-distance call that lasted 7 minutes?

- 33** A sales agent earns a basic monthly salary of \$250 and gets a commission of 8 percent on all sales he makes above \$5 000.

How much sales did the sales agent make in a month when his total salary for that month amounted to \$490?

- 34** Denise bought 7 boxes of pencils, where each box contains 25 pencils, and 9 boxes of pens, where each box contains 100 pens.

If pencils cost 19 cents each and pens cost 20 cents each, how much did Denise pay in all?

- 35** Ruffa bought five pairs of earrings for \$2 079 per pair.

She then paid for the earrings in 15 equal installments.

How much did Ruffa pay for each instalment?

- 36** Snow White hired a carpenter to install wooden cabinets in her kitchen.

She paid a down payment of \$52 and paid the remaining amount in monthly installments of \$31.50 per month for 2 years.

How much did it cost Snow White to install the wooden cabinets?

- 37** Philip had \$840 and spent  $\frac{5}{12}$  of it in a video game.

He then bought four identical tumblers.

If the total cost of the tumblers is equal to  $\frac{7}{10}$  the cost of the video game, how much did each tumbler cost?

- 38** Michael had some money in his bank account.

He withdrew  $\frac{3}{8}$  of it and spent  $\frac{2}{9}$  of the withdrawn amount on some toys.

He then gave  $\frac{4}{7}$  of the remaining money to his father and saved the rest.

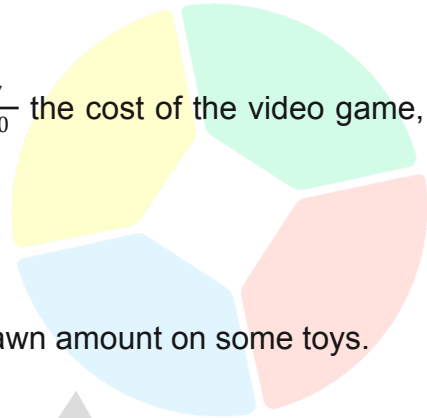
If Michael saved \$756, how much money did he have in his bank account at the start?

- 39** Huey, Dewey, and Louie agreed to share a certain amount of money in the ratio of 2:5:4, respectively.

If Huey gets \$72, what was the total amount of money that the three of them agreed to share?

- 40** The ratio of the price of an adult ticket to the price of a child ticket is 8 to 5.

If two adult tickets cost \$64, what is the price of each child ticket?



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