



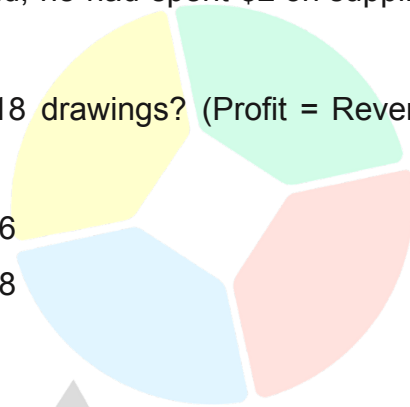
- 5 Elmo was selling drawings for \$4 each.

He calculated that for every 6 drawings he sold, he had spent \$2 on supplies he used.

How much profit did Elmo make if he sold 18 drawings? (Profit = Revenue – Expenses)

- A \$36
- B \$44
- C \$54

- D \$66
- E \$88



- 6 There are 8 rows of apps, with each row having 8 apps, on the home screen of Vanellope's iPad.

If it cost her \$1.50 to download each app, how much did she spend downloading all the apps?

- A \$64
- B \$72
- C \$80

- D \$88
- E \$96

- 7 Big Bird earns some extra cash mowing lawns.

Each month, he spends \$32 on gas and mows 9 lawns, charging \$11 per lawn.

How much profit does Big Bird earn each month from mowing lawns? (Profit = Revenue – Expenses)

- A \$69
- B \$67
- C \$65

- D \$99
- E \$288

- 8 A toy store needs to ship 7 boxes of toys, each with a mass of 9 kilograms.

If the total cost includes a \$20 handling fee for all 7 boxes plus a \$3 per kilogram shipping fee, what is the total cost the toy store needs to pay?

- A \$329  
B \$209  
C \$189  
D \$162  
E \$152

- 9 Bernard bought 9 boxes of bolts, each box containing 12 bolts, for a project.

A day before the project was completed, he had to buy 4 more extra bolts.

If bolts cost 20 cents each, how much did Bernard spend on bolts for the project?

- A \$20.60  
B \$20.80  
C \$21.60  
D \$22.40  
E \$22.80

- 10 During the mall sale, Barbie bought a shoulder bag for \$42.25.

If the bag was discounted 35 percent off its regular price, what was the regular price of the shoulder bag?

- A \$65  
B \$62  
C \$60  
D \$58  
E \$55

- 11 Mark spent 65 percent of his money on biscuits and 12 percent on drinks.

If he had \$18.40 left, how much money did he have at the start?

- A \$54  
B \$66  
C \$72  
D \$78  
E \$80

- 12 Snow White bought 5 bags of apples for \$22.

If each bag had 5 apples, what was the average (arithmetic mean) cost per apple?

- A 90 cents  
B 88 cents  
C 76 cents  
D 72 cents  
E 64 cents



- 13 During the book sale, a bookstore offers a promo where a customer gets \$5 off whenever he buys 3 books.

If Elmo bought 3 books during the sale, and each book costs \$7, how much did she pay for the books?

- A \$21  
B \$20  
C \$18  
D \$16  
E \$15

- 14 A gaming company offers a special deal for their premium game for only \$4, but only if a customer pays a \$2 subscription fee per month for 7 months.

How much total will it cost you to buy the premium game using this special deal?

- A \$14  
B \$16  
C \$18  
D \$20  
E \$24

- 15 Cheese is sold for 15 cents per gram.

If it takes 8 grams of cheese to make a burrito and 3 grams of cheese to make a taco, how much will you need to spend on cheese if you want to make 5 burritos and one taco?

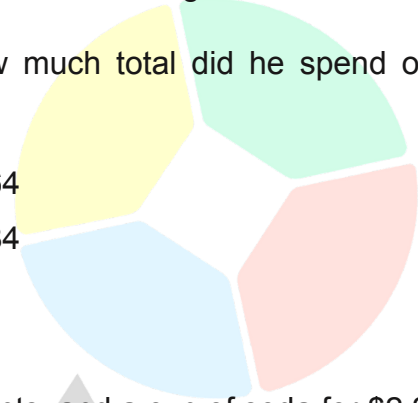
- A \$6.45  
B \$6.85  
C \$7.20  
D \$7.25  
E \$7.35

- 16 Frank bought a game that cost \$36.

Each month, he would then pay \$6 for online access to the game.

If Frank played the game for 8 months, how much total did he spend on the game and online access?

- A \$36  
B \$48  
C \$56  
D \$64  
E \$84



- 17 Bell bought a hotdog for \$1.50, chips for 75 cents, and a cup of soda for \$2.20.

If she had \$4.55 left, how much money did she have at the start?

- A \$8.50  
B \$8.60  
C \$9.00  
D \$9.20  
E \$9.30

- 18 Arthur spent  $\frac{3}{8}$  of his money on baseball cards and  $\frac{1}{4}$  on snacks.

If he had \$13.50 left, how much did he spend on the baseball cards?

- A \$13.50  
B \$10.50  
C \$9.50  
D \$9.00  
E \$8.50

- 19 Each candy bar in the box costs \$6.

If there were 12 candy bars in the box and Ramona sold all but seven candy bars, how much money did she make from the sale?

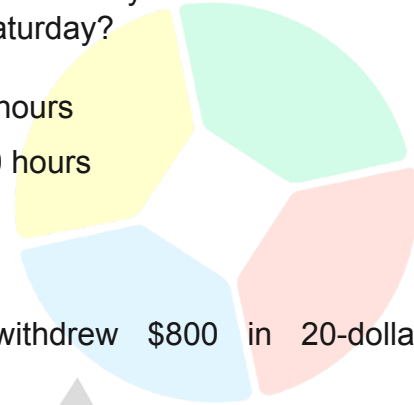
- A \$24  
B \$30  
C \$42  
D \$60  
E \$72

**20** Mulan works as a waitress at the local diner and earns \$7.50 per hour.

If she earned a total of \$112.50 last Friday and Saturday and she worked 7 hours on Friday, how many hours did she work on Saturday?

- A** 6 hours
- B** 7 hours
- C** 8 hours

- D** 9 hours
- E** 10 hours



**21** For the New Year's Eve party, Dora withdrew \$800 in 20-dollar bill denominations.

How many 20-dollar bills did she withdraw?

- A** 36
- B** 40
- C** 42

- D** 44
- E** 45

**22** Jack and Jill have \$152 together.

If Jack has \$24 more than Jill, how much money does Jill have?

- A** \$88
- B** \$76
- C** \$72

- D** \$68
- E** \$64

**23** James went to the mall with \$104.

He spent 45 percent of his money on a video game, 35 percent on a cap, and spent the rest on snacks.

How much did he spend on snacks?

- A** \$20.80
- B** \$32.60
- C** \$36.40

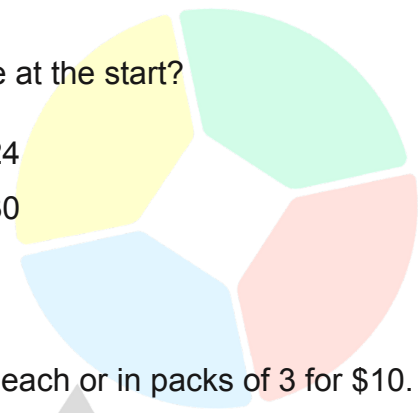
- D** \$46.80
- E** \$48.20



**28** At the office supply store, Ruben spent half of his money to buy a notepad.  
Then he bought 4 pencils for \$1.75 each.

If he had \$1 left, how much money did he have at the start?

- A** \$16
- B** \$18
- C** \$20
- D** \$24
- E** \$30



**29** At the grocery store, apples are sold for \$3.50 each or in packs of 3 for \$10.

How much money will you save if you buy 12 apples in packs of 3 rather than buying apples individually?

- A** \$1.50
- B** \$2.00
- C** \$2.50
- D** \$3.00
- E** \$4.00

**30** Apricots cost \$8.50 per kilogram.

How many kilograms of apricots can you buy with \$40 if apricots are only sold in whole kilograms?

- A** 8 kilograms
- B** 6 kilograms
- C** 5 kilograms
- D** 4 kilograms
- E** 3 kilograms

**31** Elsa wants to buy a new doll that costs \$12.

If she had already saved \$5 and could save 35 cents each day, how many days would it take her to save enough money for the new doll?

- A** 12 days
- B** 15 days
- C** 16 days
- D** 18 days
- E** 20 days



**32** If 4 wrenches and 3 screwdrivers cost \$47.50, and 8 wrenches and 7 screwdrivers cost \$99.50, how much does one screwdriver cost?

**A** \$4.50

**D** \$7.50

**B** \$5.50

**E** \$8.50

**C** \$6.50

**33** Amy has five 50-dollar bills, five 20-dollar bills, and eleven \$5-dollar bills

How much money does Amy have?

**A** \$385

**D** \$445

**B** \$405

**E** \$465

**C** \$435

**34** If 7 kilograms of almonds and 5 kilograms of macadamia nuts cost \$41, and 3 kilograms of almonds and 2 kilograms of macadamia nuts cost \$17, how much do one kilogram of almonds and one kilogram of macadamia nuts cost?

**A** \$3

**D** \$7

**B** \$4

**E** \$9

**C** \$6

**35** Celine spent  $\frac{3}{5}$  of her money on a blender and half of the remaining money on a tub of ice cream.

If she had \$27.20 left, how much money did she have at the start?

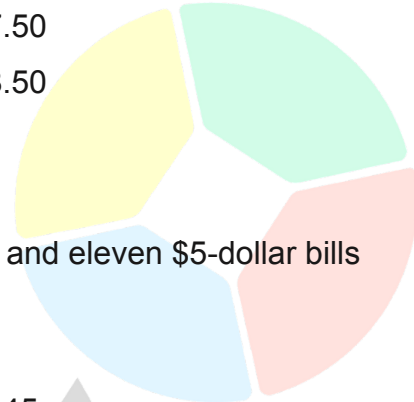
**A** \$116

**D** \$132

**B** \$124

**E** \$136

**C** \$130



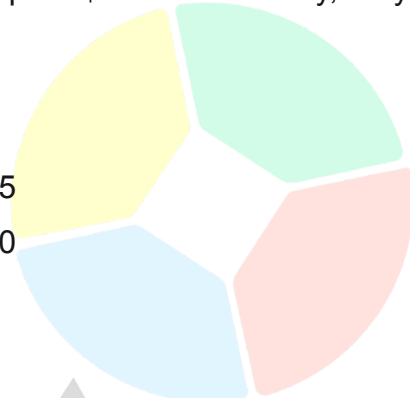
36 Bert and Ernie had \$50 together.

After Bert spent \$20 of his money and Ernie spent \$10 of his money, they were left with an equal amount of money.

How much money did Bert have at the start?

- A \$10
- B \$15
- C \$20

- D \$25
- E \$30



37 Bubbles bought 9 roses and 5 lilies at the flower shop for \$62, while Buttercup bought 2 roses and a lily for \$13.

How much did she pay for the flowers if Blossom bought 3 roses and 3 lilies?

- A \$35
- B \$33
- C \$30

- D \$25
- E \$24

38 Huey, Dewey, and Louie had \$88 together.

If Dewey had \$8 more than Huey, and Louie had twice as much as Dewey, how much money did Huey have?

- A \$20
- B \$16
- C \$12

- D \$10
- E \$8

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39 Art has enough money to buy 4 packs of gum.

Had the price of each pack of gum been \$1 less, he could have bought 1 more pack.

How much did each pack of gum cost?

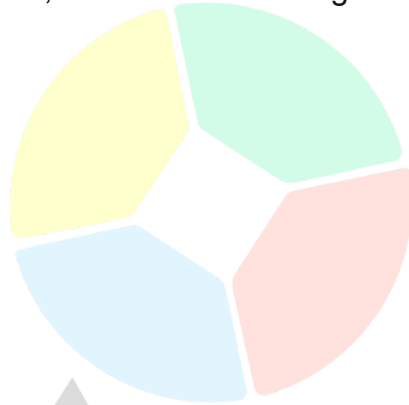
A \$2

B \$3

C \$4

D \$5

E \$8



40 Three regular pens and 4 fancy pens cost \$50.

If 5 regular pens and 8 fancy pens cost \$94, how much more does the fancy pen cost than the regular pen?

A \$2

B \$4

C \$6

D \$8

E \$10

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