

Year 5 Class 10 questions

Q1

Petra buys 3 cups of coffee at \$3.80 each and 2 cakes at \$2.70 each.

How much will she be charged?

\$ \$16.80

How much change will she get from \$20?

\$ \$3.20

Q2

Which is smallest?

$\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{5}$

Q3

$$\frac{4}{9} + \frac{1}{9} = \frac{\boxed{5}}{\boxed{9}}$$

Q4

A group of 5 friends are going camping. Camping fees are \$45 for the whole group. They stop at the shops on the way and spend \$90 on supplies.

Find the total cost.

\$ \$135

How much will each person have to pay?

\$ \$27

Q5

A group of 4 friends are going camping. Camping fees are \$42 for the whole group. They stop at the shops on the way and spend \$89 on supplies.

Find the total cost.

\$ \$131

How much will each person have to pay?

\$ \$32.75

Q6

Which is largest?

$\frac{1}{2}$ $\frac{1}{12}$ $\frac{1}{11}$ $\frac{1}{15}$

Q7

Which is largest?

$\frac{5}{6}$ $\frac{9}{10}$ $\frac{3}{4}$

Q8

$$\frac{8}{10} + \frac{1}{10} = \frac{\boxed{9}}{\boxed{10}}$$

Q9

$$\frac{1}{12} + \frac{6}{12} = \frac{\boxed{7}}{\boxed{12}}$$

Q10

There are 15 students in a class who want to organise an end-of-year party. They plan to buy 4 pizzas at \$9.50 each and 3 bottles of coke at \$4.50 each.

Find the total cost.

\$ \$51.50

To cover the costs, how much should each student bring?

- \$2.50 \$3 \$3.50 \$4

Q11

There are 18 students in a class who want to organise an end-of-year party. They plan to buy 3 cakes at \$7.50 each, 4 packets of chips at \$3.95 each and 2 bottles of drink at \$3.35 each.

Find the total cost.

\$ \$45

To cover the costs, how much should each student bring?

- \$2.50 \$3.50 \$2.10 \$4

Q12

There are 24 students in a class who want to organise an end-of-year party. They plan to buy 6 burgers at \$8.30 each, 4 packets of chips at \$2.95 each and 5 bottles of drink at \$3.50 each.

Find the total cost.

\$ \$79.10

To cover the costs, how much should each student bring?

- \$5 \$3.30 \$2.90 \$4.40

Q13

Arrange from **smallest** to **largest**.

$\frac{1}{6}$ $\frac{1}{5}$ $\frac{1}{3}$ $\frac{1}{5}$

Q14

Arrange from **smallest** to **largest**.

$\frac{1}{8}$ $\frac{1}{7}$ $\frac{1}{5}$ $\frac{1}{7}$

Q15

Arrange from **smallest** to **largest**.

$\frac{1}{3}$ $\frac{1}{4}$ $\frac{1}{4}$ $\frac{1}{5}$

Q16

$$\frac{1}{15} + \frac{6}{15} = \frac{\square}{\square} \quad \frac{7}{15}$$

Q17

$$\frac{7}{15} + \frac{1}{15} = \frac{\square}{\square} \quad \frac{8}{15}$$

Q18

$$\frac{5}{13} + \frac{4}{13} = \frac{\square}{\square} \quad \frac{9}{13}$$

Q19

Bob is baking some cupcakes. He buys milk for \$2.25, flour for \$1.80, butter for \$3.90, sugar for \$2 and eggs for \$4.75. He makes 30 cupcakes and sells them at a fete for \$1.90 each.

How much did he spend on ingredients?

\$ \$14.70

What are his total sales at the fete?

\$ \$57

After Bob pays his Mum back for all the ingredients, how much does he make?

\$ \$42.30

Q20

Sam is baking some cupcakes. He buys milk for \$1.25, flour for \$2.50, butter for \$1.40, sugar for \$1 and eggs for \$3.55. He makes 24 cupcakes and sells them at a fete for \$2.50 each.

How much did he spend on ingredients?

\$ \$9.70

What are his total sales at the fete?

\$ \$60

After Sam pays his Mum back for all the ingredients, how much does he make?

\$ \$50.30

Q21

Tim is baking some cupcakes. He buys milk for \$1.95, flour for \$2.40, butter for \$3.70, sugar for \$2 and eggs for \$4.35. He makes 36 cupcakes and sells them at a fete for \$2.50 each.

How much did he spend on ingredients?

\$ \$14.40

What are his total sales at the fete?

\$ \$90

After Tim pays his Dad back for all the ingredients, how much does he make?

\$ \$75.60

Q22

Tina is baking some cupcakes. She buys milk for \$7.25, flour for \$3.50, butter for \$6.40, sugar for \$2 and eggs for \$4.55. She makes 30 cupcakes and sells them at a fete for \$2.90 each.

How much did she spend on ingredients?

\$ \$23.70

What are her total sales at the fete?

\$ \$87

After Tina pays her Mum back for all the ingredients, how much does she make?

\$ \$63.30

Q23

Arrange from **smallest** to **largest**.

$\frac{1}{6}$ $\frac{3}{4}$ $\frac{6}{3}$ $\frac{1}{2}$

Q24Arrange from **smallest** to **largest**.

$$\frac{3}{7} \frac{7}{8} \frac{9}{10} \frac{3}{4}$$

Q25Arrange from **smallest** to **largest**.

$$\frac{3}{6} \frac{6}{7} \frac{8}{3} \frac{8}{9}$$

Q26Arrange from **smallest** to **largest**.

$$\frac{1}{6} \frac{3}{4} \frac{6}{1} \frac{3}{4}$$

Q27

$$\frac{6}{15} + \frac{5}{15} = \frac{\square}{\square} \quad \frac{11}{15}$$

Q28

$$\frac{9}{16} + \frac{6}{16} = \frac{\square}{\square} \quad \frac{15}{16}$$

Q29

$$\frac{8}{22} + \frac{9}{22} = \frac{\square}{\square} \quad \frac{17}{22}$$

Q30

$$\frac{18}{25} + \frac{5}{25} = \frac{\square}{\square} \quad \frac{23}{25}$$