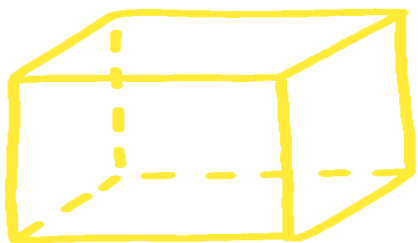
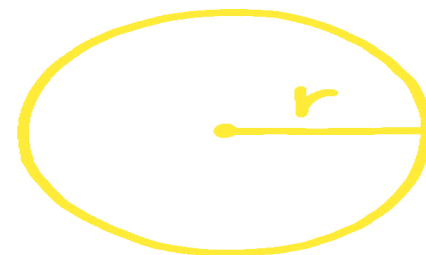


Alavi

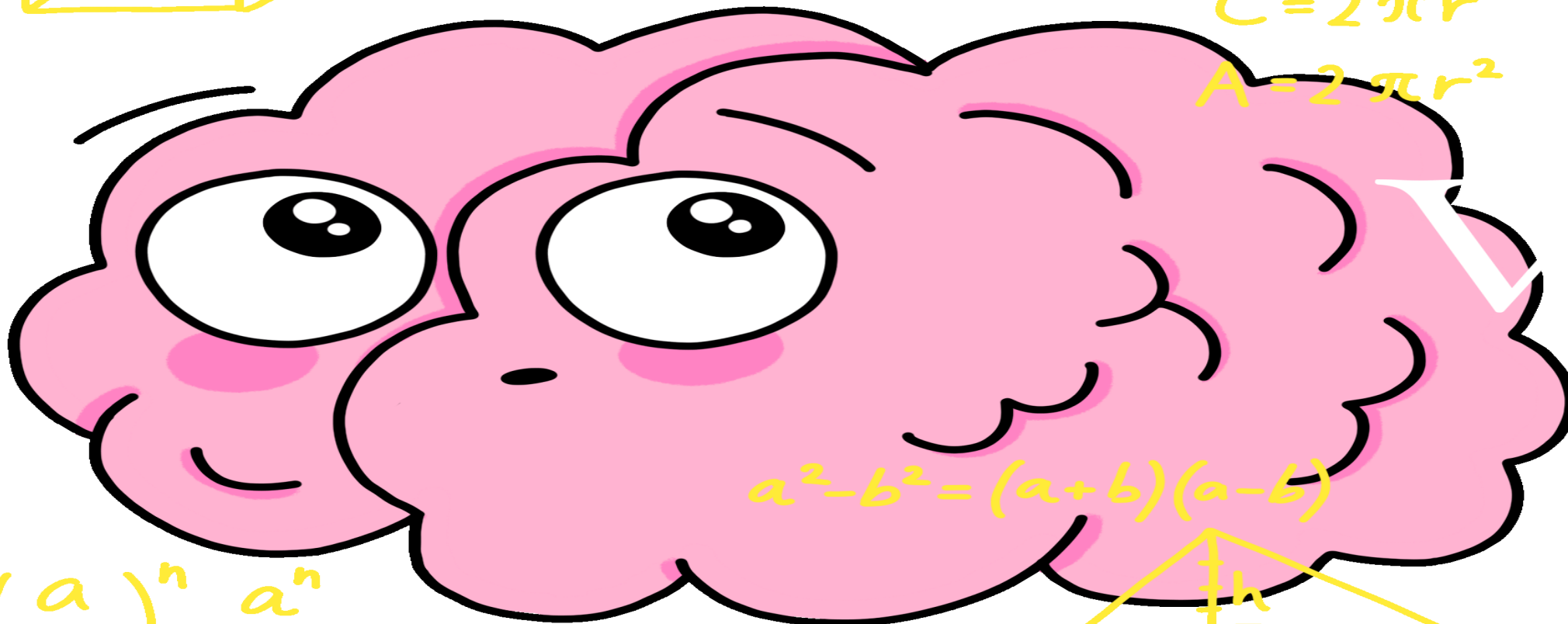
21st Century Schools



$$C = 2\pi r$$
$$A = 2\pi r^2$$

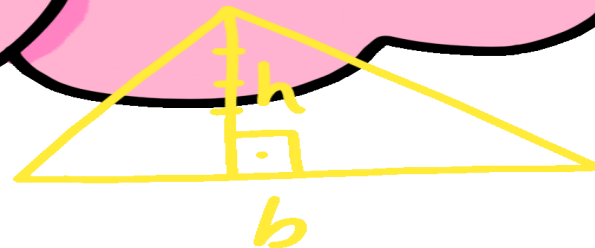


$$C = 2\pi r$$
$$A = 2\pi r^2$$



$$a^2 - b^2 = (a+b)(a-b)$$

$$\left(\frac{a}{b}\right)^n = \frac{a^n}{b^n}$$





Are you fond of shopping?



I have some money.
What can I buy?



\$ 2.35

\$ 10

\$ 11.15

I have **\$15.80**.

$$10 + 2.35 = \$12.35$$

$$15.80 - 12.35 = \$3.45$$

I want to buy
a pair of sandals
and
a pair of socks.
How much are they together?
How much is the **change**?



\$ 20.25



\$ 14.45



\$ 24.30

I have \$50.50.

I want to buy
a pair of jeans
and
a shirt.

How much are they together?
How much is the **change**?

$$20.25 + 24.30 = \$44.55$$

$$50.50 - 44.55 = \$5.95$$

I have fifty dollars and ten cents.
I want to buy a teddy bear
(ten dollars and thirty cents)
and a toy car (three dollars
and six cents).

Write the operations to find
out how much I will spend
and how much the change will be.

$$10.30 + 3.06 = \$13.36 \text{ (the money I will spend)}$$

$$50.10 - 13.36 = \$36.74 \text{ (the change)}$$



I have fourteen dollars and five cents.
I want to buy a stapler
(3 dollars and 3 cents)
and 3 pens (each one: 50 cents)
and scissors (4 dollars and 13 cents).



Write the operations to find
out how much I will spend
and how much the change will be.

$$3.03 + (3 * 50) + 4.13 = \$8.66 \text{ (the money I will spend)}$$

$$15.05 - 13.36 = \$1.69 \text{ (the change)}$$

I had **\$90**.

I went shopping.

Now I have change of **\$10**.

What did I buy?

I spent \$80.

$$35.50 + 44.50 = 80$$



\$ 40.00



\$ 35.50



\$44.50

I had **\$65**.

I went shopping.

Now I have change of **\$15**.

What did I buy?

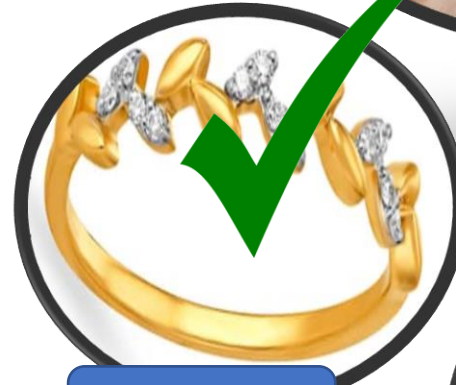
I spent \$50.

$$16 + 34 = 50$$

\$ 34.00



\$ 16.00



\$ 23.00



You have been given some money to buy new clothes:



Socks
\$ 5.00



Slippers
\$ 8.25



T-shirt
\$ 14.75



Trousers
\$ 24.80



Hat
\$ 15.30

- You have \$10. What can you buy?
- You have \$20. What can you buy?
- You had \$30 and you have change of \$2.00 now. What did you buy?
- You have \$50.00. What do you buy and what change do you get?
- You have \$30.00. Can you buy a T-shirt and a hat? Explain your answer.