

基础. 六上.

一.

1. (x) a, b 不一定是整数.
2. (x) $\frac{2}{5}$ 的倒数是 $\frac{5}{2}$
3. (v) $2 \div 5 = 40\%$
4. (x) 半径不一样不可以.
5. (v) $2 \times 2 \times 2 \times 2 = 16$ (段) $1 \div 16 = \frac{1}{16}$ (米)

二.

7. (x) C.
8. B. $25\% = \frac{1}{4}$
9. A $90 \div (2+7) \times 2 = 20$ (度)
10. D
11. C $1 \times (1+25\%) \times (1-20\%) = 1$
12. D $2r=8, r=4, 3.14 \times 4^2 = 50.24$
13. (4), (5), (40), (0.25)
14. $1 \div 8$ (5:4), $(\frac{5}{4})$
15. $\frac{3}{8}$ $\frac{1}{2} \times (1 - \frac{1}{4}) = \frac{3}{8}$ (t)

16. 东, 北, 40° , 500

17. <, <, >, =

18. $\frac{6}{11}$, 120 $6 \div (5+6) = \frac{6}{11}$ $6 \div 5 = 120\%$

19. 白 64 $1+3+5+7+9+11+13+15 = 64$ (颗)

20. 3, 18.84, 25.12

四.

21.

2.8	$\frac{2}{7}$	$\frac{5}{6}$
6	2	0
$\frac{2}{3}$	2.7	$\frac{3}{2}$

22.

$$(1) \frac{6}{5} - \frac{6}{5} \times \frac{3}{8} = \frac{6}{5} \times (1 - \frac{3}{8}) = \frac{6}{5} \times \frac{5}{8} = \frac{3}{4}$$

$$(2) (\frac{5}{8} + \frac{5}{6}) \times 4.8 = \frac{5}{8} \times 4.8 + \frac{5}{6} \times 4.8 = 3 + 4 = 7$$

$$(3) \frac{18}{15} \times \frac{5}{3} \times \frac{2}{5} = \frac{6}{7} \times \frac{2}{3} = \frac{4}{7}$$

$$(4) \frac{1}{6} \times \frac{2}{3} \div \frac{4}{15} = \frac{1}{6} \times \frac{2}{3} \times \frac{15}{4} = \frac{1}{9} \times \frac{15}{4} = \frac{5}{12}$$

23.

$$(1) \text{解: } x \div \frac{4}{5} \times \frac{4}{5} = \frac{15}{28} \times \frac{4}{5} \\ x = \frac{3}{7}$$

$$(2) \text{解: } \frac{3}{5}x = 1 - \frac{1}{5} \\ \frac{3}{5}x = \frac{4}{5} \\ x = \frac{4}{5} \div \frac{3}{5} \\ x = \frac{4}{3}$$

24. (1) 画图略.

$$(2) 4 \times 4 = 16 \text{ (cm}^2\text{)} \\ 4 \div 2 = 2 \text{ (cm)} \\ 3.14 \times 2^2 = 12.56 \text{ (cm}^2\text{)} \\ 16 - 12.56 = 3.44 \text{ (cm}^2\text{)}$$

25. (1) $100 \times 40\% = 40$ (个)

$$(2) 15 \div (1 - \frac{1}{4}) = 20 \text{ (个)}$$

七.

26.

$$40 \times (1 + 25\%) = 54 (\text{人})$$

27.

$$2.5 \div 1 = 2.5 (\text{kg})$$

$$2.5 \times (250 + 1) = 627.5 (\text{kg})$$

28.

$$9600 \times \frac{2}{5} \times \frac{1}{12} = 320 (\text{元})$$

29.

$$(1) 2 \div 2 = 1 (\text{m})$$

$$3.14 \times (1^2 - 0.5^2) = 2.355 (\text{m}^2)$$

$$(2) 2 \times 3.14 = 6.28 (\text{m})$$

$$6.28 \div 0.5 \approx 12 (\text{个})$$

30.

$$(1) \text{ 是 } \underline{8}$$

$$(2) 87.5 \div 25\% \times 60\% = 210 (\text{克})$$



MI10 LITE ZOOM

AI QUAD CAMERA