

(1)算算看：

$$4.6 \times \frac{23}{92} + 15.4 \times \frac{23}{92} = (\quad)$$

《答案》5

$$\begin{aligned} \text{詳解：} & 4.6 \times \frac{23}{92} + 15.4 \times \frac{23}{92} = (4.6 + 15.4) \times \frac{23}{92} \\ & = 20 \times \frac{23}{92} = 5 \end{aligned}$$

(2)算算看：

$$7.25 \div \frac{56}{6} - \frac{1}{4} \div \frac{28}{3} = (\quad)$$

《答案》 $\frac{3}{4}$

$$\begin{aligned} \text{詳解：} & 7.25 \div \frac{56}{6} - \frac{1}{4} \div \frac{28}{3} = 7.25 \div \frac{28}{3} - 0.25 \div \frac{28}{3} \\ & = (7.25 - 0.25) \times \frac{3}{28} = 7 \times \frac{3}{28} = \frac{3}{4} \end{aligned}$$

(3)算算看：

$$15 + 10.1 \times 9.9 = (\quad)$$

《答案》114.99

$$\begin{aligned} \text{詳解：} & 15 + 10.1 \times 9.9 \\ & = 15 + (10 + 0.1) \times 9.9 \\ & = 15 + 99 + 0.99 \\ & = 114.99 \end{aligned}$$

(4)算算看：

$$15 \frac{23}{29} - 4.87 - 2.13 = (\quad)$$

《答案》 $8 \frac{23}{29}$

$$\begin{aligned} \text{詳解：} & 15 \frac{23}{29} - 4.87 - 2.13 = 15 \frac{23}{29} - (4.87 + 2.13) \\ & = 15 \frac{23}{29} - 7 = 8 \frac{23}{29} \end{aligned}$$

(5)算算看：

$$5 \frac{3}{4} \times 6 \frac{1}{2} + 2.5 \times 5 \frac{3}{4} = (\quad)$$

《答案》 $51 \frac{3}{4}$

$$\begin{aligned} \text{詳解：} & 5 \frac{3}{4} \times 6 \frac{1}{2} + 2.5 \times 5 \frac{3}{4} = 5 \frac{3}{4} \times 6.5 + 2.5 \times 5 \frac{3}{4} \\ & = 5 \frac{3}{4} \times (6.5 + 2.5) = 51 \frac{3}{4} \end{aligned}$$

(6)算算看：

$$100 + 1.01 \times 9.9 = (\quad)$$

《答案》109.999

$$\begin{aligned} \text{詳解：} & 100 + 1.01 \times 9.9 \\ & = 100 + 1.01 \times (10 - 0.1) \\ & = 100 + 10.1 - 0.101 \\ & = 109.999 \end{aligned}$$