

Push Tasks — Answers



1. Weekly budget \$680. Bills 35%, food 25%, transport 10%. How much remains for savings?

Solution

$$100\% - 70\% = 30\%$$

$$\$680 \times 0.30 = \$204$$

3. Camp budget \$2400 for 24 students. Food is 30%. How much food money is that per student?

Solution

$$\$2400 \times 0.30 = \$720$$

$$\$720 \div 24 = \$30 \text{ per student}$$

2. Budget \$900. A laptop costs \$840 plus 15% GST. Is it within budget? If not, by how much?

Solution

$$\$840 \times 1.15 = \$966$$

No — \$66 over budget

4. Holiday budget \$1500. Flights cost \$620. Accommodation is 40% of the rest. How much is that?

Solution

$$\$1500 - \$620 = \$880$$

$$\$880 \times 0.40 = \$352$$

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5. Phone plan: \$22/month + \$35 setup. Find the total for 12 months.

Solution

$$\$22 \times 12 = \$264$$

$$\$264 + \$35 = \$299$$

6. A budget is cut by 12% from \$850. What is the new budget?

Solution

$$\$850 \times 0.88$$

$$= \$748$$

7. A budget increases by 8% from \$625. What is the new budget?

Solution

$$\$625 \times 1.08$$

$$= \$675$$

8. Income \$720. Rent 45%, food 20%, transport 15%. How much is saved?

Solution

$$100\% - 80\% = 20\%$$

$$\$720 \times 0.20 = \$144$$

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9. Budget \$960. Entertainment is capped at 12.5%. What is the maximum spend?

Solution

$$\begin{aligned} & \$960 \times 0.125 \\ & = \$120 \end{aligned}$$

11. Split \$2000 rent:food:savings = 5 : 3 : 2. Savings share?

Solution

$$\begin{aligned} & 5 + 3 + 2 = 10 \text{ parts} \\ & \$2000 \div 10 \times 2 = \$400 \end{aligned}$$

10. A bike costs \$540 after a 10% discount. What was the original price?

Solution

$$\begin{aligned} & \$540 \div 0.90 \\ & = \$600 \end{aligned}$$

12. \$900 laptop needed in 8 months, \$140 already saved. Per-month amount?

Solution

$$\begin{aligned} & \$900 - \$140 = \$760 \\ & \$760 \div 8 = \$95 \text{ per month} \end{aligned}$$

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13. Budget \$2500: Stage 1 28%, Stage 2 36%, Stage 3 \$410. How much remains?

Solution

$$\$700 + \$900 + \$410 = \$2010$$

$$\$2500 - \$2010 = \$490$$

15. Weekly budget \$520. Rent \$245, food \$118, transport \$63. How much remains?

Solution

$$\$245 + \$118 + \$63 = \$426$$

$$\$520 - \$426 = \$94$$

14. Fundraiser needs \$3200: sales \$1875, sponsorship 22% of target. How much more?

Solution

$$\$3200 \times 0.22 = \$704$$

$$\$3200 - \$1875 - \$704 = \$621$$

16. Event budget \$1800. Venue \$650, food \$420, prizes \$185, printing \$96. How much remains?

Solution

$$\$650 + \$420 + \$185 + \$96 = \$1351$$

$$\$1800 - \$1351 = \$449$$