

Start Tasks – Answers



1. What was the profit in 2020?



Solution

Profit in 2020 = 25
(i.e. \$25,000)

3. By how much did profit increase from 2019 to 2021?



Solution

$32 - 18 = 14$
(i.e. \$14,000)

2. Describe the trend across all 5 years in one full sentence. Use “increasing” or “decreasing” – not “positive” or “negative.”



Solution

Profit is increasing every year from 10 to 40

4. In which month do ice-cream sales reach their peak? In which month do they reach their trough (lowest point)? What TSN component does this repeating pattern show?



Solution

Peak Jan, trough Jul
(seasonal)

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5. What were the ice-cream sales in July of Year 2?



Solution

July, Year 2 = 12

6. Website visits are usually steady week to week. In which week does an unusual spike happen? What TSN component is this?



Solution

Week 5 (55) is far above the 19-22 range – noise

7. What is the value of the spike in week 5, and by how much does it exceed the value in week 4?



Solution

Spike = 55; week 4 = 20.
Exceeds by $55 - 20 = 35$

8. True or false: the trend in this profit graph should be described as “positive.” Explain using the correct TSN language.



Solution

False – say “increasing”