



Shipping Company Profits

| | Profits in Company 1 (£) | Profits in Company 2 (£) |
|---------|--------------------------|--------------------------|
| Year 1 | 207,934 | 202,239 |
| Year 2 | 279,182 | 218,992 |
| Year 3 | 299,734 | 231,674 |
| Year 4 | 329,722 | 249,747 |
| Year 5 | 330,571 | 255,964 |
| Year 6 | 367,942 | 269,827 |
| Year 7 | 368,794 | 275,662 |
| Year 8 | 348,371 | 280,086 |
| Year 9 | 334,791 | 289,163 |
| Year 10 | 317,946 | 317,946 |

Profits = Revenue - Costs

Question 19

In Year 7, if 2.1% of Company 1's profits and 4.9% of Company 2's profits were reduced to cover employees' bonuses, approximately what were the costs incurred by both companies that year if their combined revenue was £700,000?

☐ £13,500

☐ £21,250

☐ £62,300

☐ £76,800

☐ £155,500

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Question 20

In Year 9, if the costs of operating Company 1 is two-thirds that of Company 2, and Company 1 generates £500,000 of revenue, approximately how much revenue was generated by Company 2 that year?

- ☐ £165,210
- ☐ £247,810
- ☐ £333,300
- ☐ £399,300
- ☐ £536,980

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