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**L1 N.C.E.A. MATHEMATICS NUMBER Revision**

**SHOW ALL WORKING**

**ACHIEVE**

Sealords fishing fleet is based in Nelson

Q1. One particular ship costs $2400 per day to run.

 Costs are predicted to increase by 8%

 What will the new ship costs be?

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Q2. 15% of the Sealord staff of 1800 workers are in management positions

 How many Sealord workers are NOT in management?

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Q3. The ratio of deep sea ships to coastal ships is .3:2

 Sealord has a fleet of 15 ships.

 How many coastal ships are there?

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Q4. On a ship there were 12 workers in the fish factory, and 10 crew maintaining the ship.

 What percentage of the people on the ship were factory workers?

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Q5. Las year 820 kg of tuna were caught. This year there was a 18% decrease. How many kg of tuna will be caught this year?

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Q6. A captains wages were $42 000 after tax of 34% was taken off.

 What were her wages before tax was taken off?

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Q7. Diesel fuel costs increased by 14% The diesel now cost $1.04 per litre

 What was the diesel cost before the price change?

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Q8. Last year 1.8 x 105 kg of fish were caught. Due to global warming there has been a 12% decrease. How many kg of fish will be caught this year?

 (answer in standard form)

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