

PISA 2012 Converted MCQ Questions

MEMORY STICK

1. Can Ivan transfer the 350 MB photo album by deleting at most two music albums? A. Yes, by deleting Albums 1 and 8. B. Yes, by deleting Albums 2 and 4. C. No, there is not enough space. D. Yes, by deleting all albums.
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FAULTY PLAYERS

1. Is the tester's claim correct that more video players are sent for repair than audio players? A. Yes, video players have a higher fault rate. B. No, because more audio players are made and more are faulty. C. Yes, because video players are more expensive. D. No, because no players are faulty.
2. Which company has a lower overall percentage of faulty players? A. Electrix Company B. Tronics Company C. Both are the same D. Cannot be determined
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APARTMENT PURCHASE

1. Which set of measurements can estimate the total apartment floor area? A. Measure all room dimensions separately. B. Measure four outer side lengths and calculate total area. C. Measure terrace only. D. Measure the bathroom only.
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ICE-CREAM SHOP

1. How much edging does Mari need for the counter? A. 3.5 m B. 4.5 m C. 5.5 m D. 6.5 m
2. What is the floor space area (excluding service area)? A. 25 m² B. 31.5 m² C. 40 m² D. 50 m²
3. How many table sets fit in the seating area? A. 2 B. 3 C. 4 D. 5
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OIL SPILL

1. What is the area of the oil spill? A. 1500 km² B. 2200 km² C. 2750 km² D. 4000 km²
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DRIP RATE

1. What happens to D if n doubles? A. It doubles. B. It halves. C. It stays the same. D. It increases by 50%.
2. What is the volume of infusion? A. 180 mL B. 240 mL C. 360 mL D. 480 mL

PENGUINS

1. How many penguins are there after the first year? A. 8000 B. 10,000 C. 12,000 D. 14,000
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POWER OF THE WIND

1. Why does the mayor's windmill arrangement not meet regulations? A. The field is too small. B. Towers are too heavy. C. Distance is less than 200 m. D. There are too few turbines.
2. What is the maximum rotor blade tip speed? A. 150 km/h B. 200 km/h C. 300 km/h D. 400 km/h
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SAILING SHIPS

1. In how many years does the kite sail cost pay back? A. 5–6 years B. 8–9 years C. 12–13 years D. Never pays back
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SAUCE

1. How much oil is needed for 150 mL dressing? A. 60 mL B. 75 mL C. 90 mL D. 120 mL
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FERRIS WHEEL

1. Height of point M? A. 60 m B. 70 m C. 80 m D. 90 m
2. John's average speed for the round trip to the river and back? A. 18 km/h B. 24 km/h C. 28 km/h D. 32 km/h
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CLIMBING MOUNT FUJI

1. Latest start time to finish by 8 pm? A. 10 am B. 11 am C. Noon D. 1 pm
2. Average step length? A. 20 cm B. 30 cm C. 40 cm D. 50 cm
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HOLIDAY APARTMENT

1. What is the expert's estimated value? A. 180,000 zeds B. 190,000 zeds C. 210,000 zeds D. 220,000 zeds
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DVD RENTAL

1. How much would Troy have paid as a non-member? A. 48 zeds B. 52.50 zeds C. 54.40 zeds D. 60 zeds
 2. Minimum DVDs to offset membership? A. 10 B. 12 C. 14 D. 15
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CABLE TELEVISION

1. Total households in Switzerland? A. 2.4 million B. 2.9 million C. 3.3 million D. 3.8 million
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WHICH CAR

1. Extra tax for Alpha? A. 100 zeds B. 110 zeds C. 120 zeds D. 130 zeds
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GARAGE

1. Total roof area? A. 15 m² B. 25 m² C. 30 m² D. 35 m²
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