PISA 2012 Converted MCQ Questions (Sets of 5)

# Set 1 (Difficulty: Easy)

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.

2. 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.

3. 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

4. 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.

5. 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

# Set 2 (Difficulty: Easy)

1. What is the floor space area (excluding service area)?  
A. 25 m²  
B. 31.5 m²  
C. 40 m²  
D. 50 m²

2. How many table sets fit in the seating area?  
A. 2  
B. 3  
C. 4  
D. 5

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

4. What happens to D if n doubles?  
A. It doubles.  
B. It halves.  
C. It stays the same.  
D. It increases by 50%.

5. What is the volume of infusion?  
A. 180 mL  
B. 240 mL  
C. 360 mL  
D. 480 mL

# Set 3 (Difficulty: Medium)

1. How many penguins after first year?  
A. 8000  
B. 10,000  
C. 12,000  
D. 14,000

2. 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.

3. What is the max rotor blade tip speed?  
A. 150 km/h  
B. 200 km/h  
C. 300 km/h  
D. 400 km/h

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

5. How much oil for 150 mL dressing?  
A. 60 mL  
B. 75 mL  
C. 90 mL  
D. 120 mL