Mental Arithmetic & Times Tables: Hard Practice Paper 8

Q1. What is 125 × 24?

A. 2,500 *B.* 2,750 *C.* 3,000 *D.* 3,250 *E.* 3,600

Q2. What is 96 × 12?

A. 1,052 *B.* 1,142 *C.* 1,152 *D.* 1,162 *E.* 1,252

Q3. What is 7.2 ÷ 8?

A. 0.09 *B.* 0.8 *C.* 0.9 *D.* 1.2 *E.* 9

Q4. The table shows the prices in a café. Four friends each buy a sandwich and a juice. What is the total bill?

Item	Price
Sandwich	£2.75
Juice	£1.20
Cake	£1.85

A. £14.80 *B.* £15.20 *C.* £15.80 *D.* £16.40 *E.* £17.00

Q5. A room is 8 m long and 6 m wide. Carpet costs £15 for each square metre. What does it cost to carpet the room?

A. £620 *B.* £680 *C.* £720 *D.* £760 *E.* £840

Q6. What is 40 × 60 ÷ 30?

A. 24 *B.* 40 *C.* 60 *D.* 72 *E.* 80

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Q7. How many minutes are there in one week?

A. 1,440 *B.* 7,200 *C.* 10,080 *D.* 14,400 *E.* 60,480

Q8. Which of these gives the largest answer?

A. half of 480

B. a quarter of 1,000

C. 10% of 2,600

D. a third of 690

E. 20% of 1,100

Q9. What is 45 × 45?

A. 1,825 *B.* 2,025 *C.* 2,045 *D.* 2,225 *E.* 2,525

Q10. How many quarter-hours are there in three days?

A. 216 *B.* 240 *C.* 264 *D.* 288 *E.* 300

Q11. When a number is divided by 12 the answer is 15 with 7 left over. What is the number?

A. 172 *B.* 180 *C.* 187 *D.* 192 *E.* 197

Q12. Which calculation works out how many 45-minute lessons fit into 6 hours?

A. 360 ÷ 45

B. 6 ÷ 45

C. 45 × 6

D. 45 ÷ 6

E. 6 × 60 × 45

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Q13. The table shows the times four runners took in a race. What is the total of their four times, in minutes and seconds?

Runner	Time (seconds)
Ali	96
Beth	84
Cara	108
Dan	90

A. 5 min 58 s

B. 6 min 8 s

C. 6 min 18 s

D. 6 min 30 s

E. 7 min 18 s

Q14. What is 15 × 15 − 5 × 5?

A. 100 *B.* 150 *C.* 200 *D.* 210 *E.* 250

Q15. A machine fills 350 bottles an hour. How many bottles does it fill between 08:30 and 12:00?

A. 1,050 *B.* 1,125 *C.* 1,225 *D.* 1,275 *E.* 1,400

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