

SKILLS LIST and SAMPLE ITEMS FOR
PRACTICE TEST FOR MATHEMATICS, GRADE 6
(Test items developed for skills measured in MCT)

Skills

- 1.0 Number Sense
 - 1.1 Number Meaning, Operations
 - 2.0 Geometry
 - 2.1 Shapes, Lines, Angles
 - 3.0 Measurements
 - 3.1 Using Standard, Non-Standard Units
 - 3.2 Estimation
 - 4.0 Data Analysis, Statistics, Probability
 - 4.1 Collecting, Organizing, Describing Data
 - 4.2 Probability
 - 5.0 Algebra
 - 5.1 Symbols, Equations
 - 5.2 Patterns
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Number of questions: 50

Number of pages: 14

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MCT PRACTICE TEST IN MATHEMATICS - GRADE 6

- James takes the bus to school every day with his friends. The school provides 30 buses for its 780 students, and each bus carries exactly the same number of students. How many students travel to school in James's bus?
 - 18
 - 26
 - 30
 - 78
- Lisa bought a used car that cost \$4,000. She had to pay \$1,000 down, which left a balance of \$3,000. She paid \$75 a month until she had paid the entire amount. How many months did she make payments?
 - 45
 - 40
 - 35
 - 30
- The art class made a banner for the school play. It was 30 feet long and 4 feet wide. Choose the best formula to find how much of the wall was covered.
 - $A = lw$
 - $A = \Pi r^2$
 - $A = 2l + 2w$
 - $C = 2l + 2w$
- Jim went shopping. He bought a compact disc for \$13.99, a shirt for \$18.00, and a poster for \$5.00. How much change did he get from a \$100.00 bill?
 - \$63.11
 - \$63.01
 - \$62.11
 - \$62.01
- When grandfather Johannas crossed the Atlantic Ocean in 1907, it took 14 days and 21 hours. How many hours was that?
 - 600
 - 357
 - 257
 - 140
- Dan works 12 hours per week. He makes \$5.25 an hour. Which equation represents how much money, m , Dan will make in one week?
 - $12 + 5.25 = m$
 - $5.25 \times m = 12$
 - $12 - 5.25 = m$
 - $12 \times 5.25 = m$
- In Mrs. Brown's reading class, 16 students were sitting around two tables. There were 4 more students sitting at one table than the other. How many people sat at each table?
 - 11 at one table and 4 at the other
 - 10 at one table and 6 at the other
 - 9 at one table and 7 at the other
 - 10 at one table and 4 at the other
- What is the approximate amount of lemonade you would have if you have a pitcher full of lemonade?
 - 2 liters
 - 2 ounces
 - 2 kiloliters
 - 2 inches