

IXL Summer Practice for Entering Fifth Grade \*indicate more advanced concepts

**Number sense**

1. A.1 Value of a digit
2. A.3 Place value names
3. A.10 Prime and composite - up to 20
4. A.12 Rounding
5. A.15 Compare numbers up to one billion

**Addition**

1. B.1 Add numbers up to millions
2. B.5 Add 3 or more numbers up to millions

**Subtraction**

1. C.1 Subtract numbers up to millions

**Multiplication**

1. D.1 Multiplication facts to 12
2. D.2 Multiplication facts up to 12: find the missing factor
3. D.3 Choose the multiples of a given number up to 12
4. D.6 Multiply 1-digit numbers by 3-digit or 4-digit numbers
5. D.18 Multiply a 2-digit number by a 2-digit number
6. D.20 Choose numbers with a particular product
7. D.22 Multiply a 2-digit number by a larger number\*

**Division**

1. E.1 Division facts to 12
2. E.4 Divide 2-digit numbers by 1-digit numbers
3. E.8 Divide larger numbers by 1-digit numbers
4. E.16 Divisibility rules\*
5. E.21 Divide by 2-digit numbers\*

**Mixed operations**

1. F.1 Add, subtract, multiply, and divide
2. F.2 Addition, subtraction, multiplication, and division word problems
3. F.6 Multi-step word problems

**Money**

1. M.3 Round money amounts
2. M.4 Add and subtract money amounts

**Fraction equivalence and ordering**

1. P.1 Fractions review
2. P.4 Mixed number review
3. P.5 Find equivalent fractions using area models
4. P.7 Equivalent fractions

5. P.8 Fractions with denominators of 10, 100, and 1000
6. P.10 Write fractions in lowest terms
7. P.20 Order fractions with like numerators or denominators
8. P.23 Convert between improper fractions and mixed numbers

**Add and subtract fractions with like denominators**

1. Q.5 Add fractions with like denominators
2. Q.7 Subtract fractions with like denominators

**Add and subtract fractions with unlike denominators**

1. R.2 Add fractions with unlike denominators\*
2. R.4 Subtract fractions with unlike denominators\*

**Multiply fractions**

1. S.5 Multiply unit fractions by whole numbers\*

**Decimals**

1. T.1 What decimal number is illustrated?
2. T.5 Equivalent decimals
3. T.13 Round decimals

**Add and subtract decimals**

1. U.1 Add decimal numbers
2. U.2 Subtract decimal numbers

**Angles**

1. Z.1 Acute, right, obtuse, and straight angles