

# IXL Winter Adventures



## 7TH GRADE MATH

Keep up the studying this season with IXL Winter Adventures! Set out on a journey through math with 20 days of skills and activities, each with its own fun theme.

**Tip:** To quickly find each skill, type the three-character skill ID into the search bar at the top left of the page on IXL!

|          |                        |   |
|----------|------------------------|---|
| Day<br>1 | Stay positive          | <a href="#">Absolute value and opposite integers (NSB)</a><br><a href="#">Compare and order integers (JX8)</a>  |
| Day<br>2 | Check yourself         | Use the Real-Time Diagnostic for 20 minutes.  |
| Day<br>3 | Let's get to the point | <a href="#">Follow directions on a coordinate plane (7WP)</a><br><a href="#">Complete a table and graph a proportional relationship (5DR)</a>                   |
| Day<br>4 | Incredible integers    | <a href="#">Add and subtract integers (FNS)</a><br><a href="#">Complete addition and subtraction equations with integers (P6A)</a>                              |
| Day<br>5 | Go the extra mile      | <a href="#">Compare and convert customary units (4B8)</a><br><a href="#">Maps with decimal distances (WT7)</a>  |
| Day<br>6 | Open to interpretation | <a href="#">Interpret graphs of proportional relationships (RMH)</a><br><a href="#">Interpret charts and graphs to find mean, median, mode, and range (CYK)</a> |
| Day<br>7 | Level up               | Pick a challenge from your award board and try to earn it!  |



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|-----------|-------------------------------|--|
| Day<br>8  | Let's give this<br>100%       | Percents of numbers and money amounts <b>(93K)</b><br><hr/> Solve percent problems using strip models <b>(9XC)</b>   |
| Day<br>9  | First-rate<br>questions       | Calculate unit rates with fractions <b>(57X)</b><br><hr/> <b>Activity:</b> Time how long it takes you to do 10 jumping jacks. What is your jumping jack rate per minute? Check your guess by doing jumping jacks for a whole minute! |
| Day<br>10 | Dance the two-<br>step        | Solve two-step equations <b>(QEB)</b><br><hr/> Choose two-step equations: word problems <b>(8NH)</b>   |
| Day<br>11 | Shopping savvy                | Which is the better coupon? <b>(QT6)</b><br><hr/> Estimate tips <b>(Y5R)</b>   |
| Day<br>12 | Choose your own<br>adventure  | Pick two skills off your Recommendations wall to practice!   |
| Day<br>13 | It's all about<br>perspective | Nets of three-dimensional figures <b>(3R2)</b><br><hr/> Front, side, and top view <b>(9Q3)</b>   |
| Day<br>14 | Boxing day                    | Box plots <b>(SKN)</b><br><hr/> Volume of cubes and rectangular prisms: word problems <b>(8WV)</b>   |