Grade 7

Ocean water freezes at about -2$\frac{1}{2}$°C. Fresh water freezes at 0°C. Antifreeze, a liquid used in the radiators of cars freezes at -64°C. Imagine the temperature dropped to the freezing point for ocean water. How many degrees more must the temperature drop for the antifreeze to turn sold.

Source: https://www.illustrativemathematics.org/illustrations/314
Standard: 7.NS.1

Haley is making admission tickets to the middle school dance. So far she has made 112 tickets, and her plan is to make 320 tickets. What percent of the admission tickets has Haley produced so far?

Source: https://www.engageny.org/sites/default/files/resource/attachments/math-g7-m4-teacher-materials.pdf
Standard: 7.RP.3

Determine if each of the rates are equivalent to each other.

1. 3 feet in 9 seconds and 6 feet in 18 seconds
2. 5 miles in 30 minutes and 6 miles in 42 minutes
3. 5 pounds for $20.00 and 8 pounds for $32.00

Standard: 7.RP.2
Source: http://www.ck12.org/book/CK-12-Middle-School-Math-Grade-7/section/5.2/