Focus & Within Grade Coherence

Task Handout, Grade 4
Maned wolves are a threatened species that live in South America. People estimate that there are about 24,000 of them living in the wild.

The dhole is an endangered species that lives in Asia. People estimate there are ten times as many maned wolves as dholes living in the wild.

About how many dholes are there living in the wild?
Major Task #2

a. Helen raised $12 for the food bank last year and she raised 6 times as much money this year. How much money did she raise this year?

b. Sandra raised $15 for the PTA and Nita raised $45. How many times as much money did Nita raise as compared to Sandra?

c. Luis raised $45 for the animal shelter, which was 3 times as much money as Anthony raised. How much money did Anthony raise?

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## Supporting Task #1

1. Convert the measurements.
   - a. \(1 \text{ km} = \underline{\quad} \text{ m}\)
   - b. \(4 \text{ km} = \underline{\quad} \text{ m}\)
   - c. \(7 \text{ km} = \underline{\quad} \text{ m}\)
   - d. \(\underline{\quad} \text{ km} = 18,000 \text{ m}\)
   - e. \(1 \text{ m} = \underline{\quad} \text{ cm}\)
   - f. \(3 \text{ m} = \underline{\quad} \text{ cm}\)
   - g. \(80 \text{ m} = \underline{\quad} \text{ cm}\)
   - h. \(\underline{\quad} \text{ m} = 12,000 \text{ cm}\)

2. Convert the measurements.
   - a. \(3 \text{ km } 312 \text{ m} = \underline{\quad} \text{ m}\)
   - b. \(13 \text{ km } 27 \text{ m} = \underline{\quad} \text{ m}\)
   - c. \(915 \text{ km } 8 \text{ m} = \underline{\quad} \text{ m}\)
   - d. \(3 \text{ m } 56 \text{ cm} = \underline{\quad} \text{ cm}\)
   - e. \(14 \text{ m } 8 \text{ cm} = \underline{\quad} \text{ cm}\)
   - f. \(120 \text{ m } 46 \text{ cm} = \underline{\quad} \text{ cm}\)

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Within Grade Coherence Task #1

There are almost 40 thousand fourth graders in Mississippi and almost 400 thousand fourth graders in Texas. There are almost 4 million fourth graders in the United States.

We write 4 million as 4,000,000. How many times more fourth graders are there in Texas than in Mississippi? How many times more fourth graders are there in the United States than in Texas? Use the approximate populations listed above to solve.

There are about 4 thousand fourth graders in Washington, D.C. How many times more fourth graders are there in the United States than in Washington, D.C.?

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Within Grade Coherence Task #2

In eastern North Carolina there are 3,277 fourth graders signed up for basketball. In western North Carolina there are 2,981 fourth graders signed up for basketball. In the Piedmont region there are 1,512 players signed up. Every player will get placed on a team in their region of the state.

**Part 1:**
The league wants to place 9 players on each team? Leftover players will be added to teams, so some teams will have ten players. How many teams will have 9 players in each region of the state? How many teams will have 10 players in each region of the state? Statewide, how many teams have 9 players and how many teams have 10 players? Explain your reasoning.

**Part 2:**
In order to maximize playing time, the league decides to only place 7 players on each team. If there are extra players, some teams will have 8 players. How many teams will have 7 players in each region of the state? How many teams will have 8 players in each region of the state? Statewide, how many teams have 7 players and how many teams have 8 players? Explain your reasoning.

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