

Exercise (1.1.1).

Proof.



Exercise (1.1.2).

Proof.



Exercise (1.1.3).

Proof.



Exercise (1.1.4).

Proof.



Exercise (1.1.5).

Proof.



Exercise (1.1.6).

Proof.



Exercise (1.1.7).

Proof.



Exercise (1.2.1).

Proof.



Exercise (1.2.2).

Proof.



Exercise (1.2.3).

Proof.



Exercise (1.2.4).

Proof.



Exercise (1.2.5).

Proof.



Exercise (1.2.6).

Proof.



Exercise (1.2.7).

Proof.



Exercise (1.2.8).

Proof.



Exercise (1.2.9).

Proof.



Exercise (1.2.10).

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Exercise (1.2.11).

Proof.

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Exercise (1.2.12).

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Exercise (1.2.13).

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Exercise (1.2.14).

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Exercise (1.2.15).

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Exercise (1.2.16).

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Exercise (1.2.17).

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Exercise (1.2.18).

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Exercise (1.2.19).

Proof.

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Exercise (1.3.1).

Proof.

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Exercise (1.3.2).

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Exercise (1.3.3).

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Exercise (1.3.11).

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Exercise (1.3.12).

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Exercise (1.3.13).

Proof.



Exercise (1.3.14).

Proof.



Exercise (1.3.15).

Proof.

